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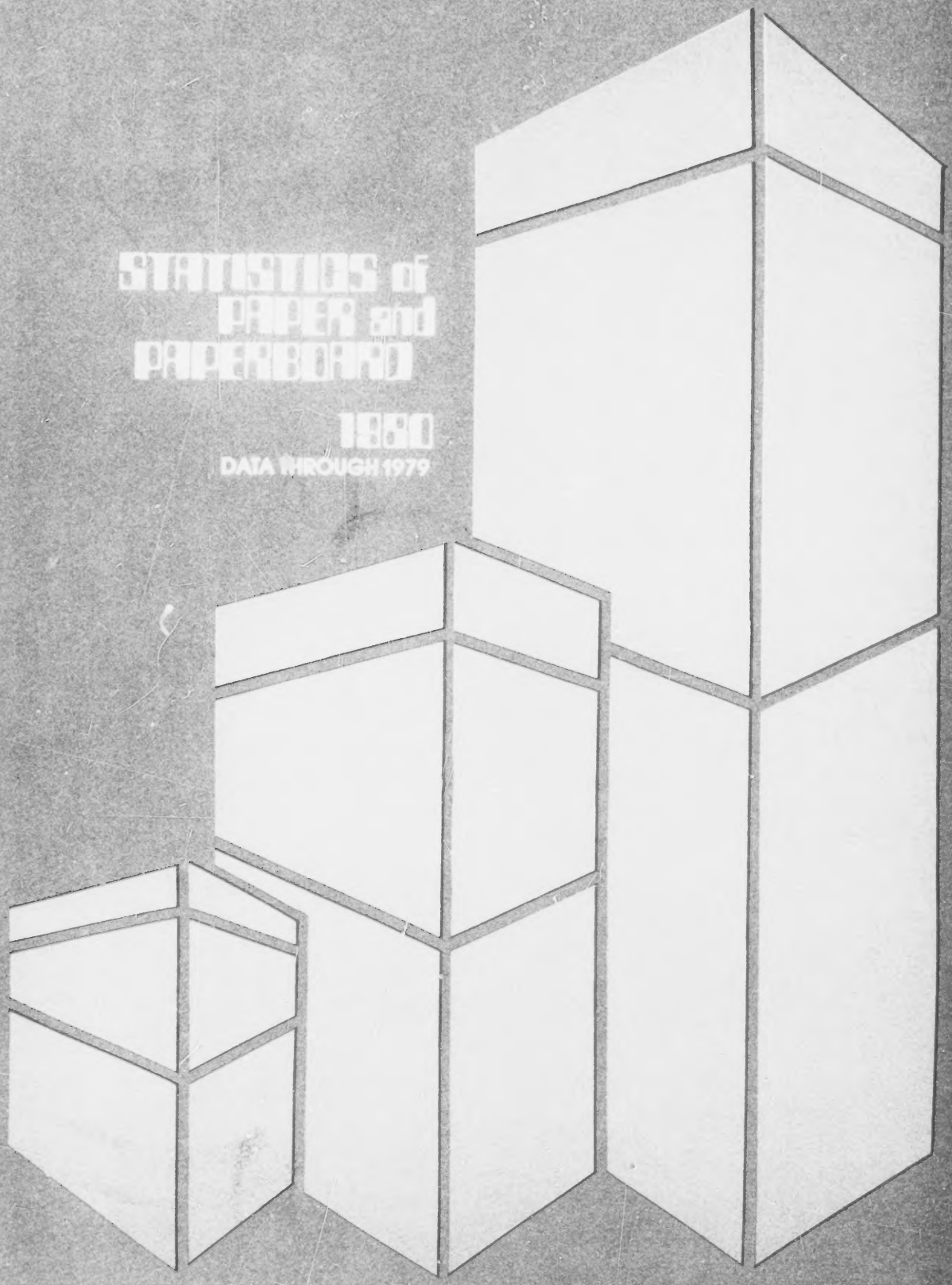
STATISTICS of PAPER and PAPERBOARD

1980

DATA THROUGH 1979



AMERICAN PAPER INSTITUTE
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FOREWORD

We are pleased to present the eighteenth edition of the American Paper Institute's Statistics of Paper and Paperboard.

The Statistics of Paper and Paperboard is designed to present a current comprehensive statistical picture of the paper and paperboard industry. In addition to the statistics on production, imports, exports, consumption, finances, government reports on prices, employment and wage rates, this report compares trends of apparent consumption of paper and paperboard, by major grades, with trends in population and total economic activity as measured by the real Gross National Product.

The current edition includes data that had not previously been shown in these reports and deletes other data that have become redundant. Most of these changes are in Section I which presents API data, and Section VII, which presents data from the Bureau of the Census. The changes are described on the following page.

We welcome any comments or suggestions you may have concerning the usefulness of this report.

Norma Pace

Norma Pace
Senior Vice President

November 1980

FORMAT CHANGES

Table I, which shows detailed data on paper shipments by grade, has been expanded to include data back to 1959. The data shown on recycled and solid wood pulp paperboard in Table III of the 1979 issue have been deleted because the information there is included in Table VII. As a result of a change in the paperboard reporting system, the data on paperboard production by months, now shown in Table VII, are monthly totals for the year 1979 only, and include grades not previously shown. In the earlier editions, the data were shown on an average weekly level. The earlier table showing containerboard mill production and box plant consumption has been deleted. In its place is a table showing data on consumption of containerboard at box plants, by months, for 1979, with a separate line for the total of linerboard and corrugating material. Data on containerboard production are included in the previous table. The paperboard production data in Table VII have been expanded to include data back to 1968.

The table in Section I on paper and paperboard new supply and the analysis of new supply in terms of real GNP has been expanded to show data for all major grade groupings of paper and paperboard and carried back to 1959. This table also shows production of total paper, total paperboard and the total of construction paper, insulating board and wet machine board, to arrive at a new paper and board production total consistent with the data available from the American Paper Institute.

The table showing U.S. capacity to produce paper and paperboard has been revised to exclude data on hard pressed board, as have the data on imports and exports.

Four new tables have been added in Section I: these include tables showing paper industry expenditures for capital equipment for environmental expenditures; data on the use of fuel and energy by the paper industry; data on waste paper utilization and recovery and data on waste paper recovery by type.

In addition, a new section has been added to include a table showing the supply and demand for wood for the year 1977, as recently reported by the Forest Service of the U.S. Department of Agriculture.

Because of the expansion of the data on new supply of paper and paperboard based on American Paper Institute figures, the earlier data in Section VII, showing the new supply of paper and paperboard as reported by the Department of Commerce, have been changed. Data on total paper and board production and total paper, total paperboard and the construction and other grades not collected by API, are still shown, but the tables showing new supply of the separate grades of paper and paperboard have been deleted. These are superceded by the new API data shown in Table X. The data in Section VII include hard pressed board, which is the way the Census Bureau now reports it. In addition, the table on production, imports, exports and new supply of hard pressed board has been expanded to include data back to 1959.

TABLE OF CONTENTS

TABLE NO.		PAGE
	SECTION I - AMERICAN PAPER INSTITUTE DATA	1
I	Total Paper Shipments - 1959 - 1979	2
II	Paperboard Production - 1955-1979 - By End Use	6
III	Containerboard Production - 1955-1979 - For Domestic Use	8
IV	Boxboard Production - 1955-1979 - For Domestic Use	10
V	Bleached Paperboard Production - 1970-1979	11
VI	Paperboard Production by Region 1965-1979	12
VII	Paperboard Production by Grade and Type - 1968-1979	14
VIII	Paperboard Production by Months - 1979	16
IX	Box Plant Consumption by Months - 1979	16
X	Paper and Paperboard New Supply/Real G.N.P. - Production 1959-1979 - New Supply 1967-1979 - New Supply/ Real G.N.P. 1967-1979	18
XI	U.S. Capacity to Produce Paper and Board - 1966-1973 Year End 1974-1982 Annual	22
XII	Wood Pulp Capacity - 1968-1982	24
XIII	Regional Capacity of the Paper Industry - 1978-1979-1980-1981	26
XIV	Pulp and Paper Industry Environmental Protection Capital Expenditures	27
XV	Pulp, Paper and Paperboard Industry Estimated Fuel and Energy Use - 1972, 1975-1979	28
XVI	Waste Paper Utilization and Recovery - 1970-1979	30
XVII	U.S. Waste Paper Recovery - 1977-1979	31
	SECTION II - U.S. DEPARTMENT OF AGRICULTURE - FOREST SERVICE	33
XVIII	Wood Supply and Demand - 1977	34
	SECTION III - FINANCIAL DATA ON THE PAPER INDUSTRY - SECURITIES AND EXCHANGE COMMISSION - FEDERAL TRADE COMMISSION	35
XIX	Paper and Allied Products Industry, Profit and Loss Data - Cash Inflow and Selected Balance Sheet Data - 1950-1979	36
	SECTION IV - FINANCIAL DATA ON THE PAPER INDUSTRY - INTERNAL REVENUE SERVICE	39
XX	Sales, Taxes and Profits, Paper and Allied Products Industry - 1926-1976	40
XXI	Sales and Capitalization, Paper and Allied Products Industry - 1926-1976	41
XXII	Cash Flow and Assets, Paper and Allied Products Industry - 1926-1976	42
XXIII	Sales, Profits, Capitalization and Related Financial Data - 1961-1975 Pulp, Paper and Paperboard Industry	43
	SECTION V - BUREAU OF ECONOMIC ANALYSIS DATA - DEPARTMENT OF COMMERCE	45
XXIV	Data on the Paper and Allied Products Industry in the Gross National Product Accounts - 1948-1979	46
	SECTION VI - BUREAU OF LABOR STATISTICS DATA	49
XXV	Wage Rates and Employment, Paper and Allied Products Industry - 1964-1979	50
XXVI	Wholesale Price Indexes for Selected Subgroups and Classes of Wood Pulp, Paper, Paperboard and Converted Products - 1968-1979	52
	SECTION VII - BUREAU OF THE CENSUS DATA - DEPARTMENT OF COMMERCE	53
XXVII	United States Production of Wood Pulp - 1968-1979	54
XXVIII	U.S. Consumption of Wood Pulp, Pulpwood and Other Fibrous Raw Materials - 1967-1979	55
XXIX	Production of Paper and Paperboard - 1967-1979	56
XXX	Production of Pulp, Paper and Board, by States 1976-1977-1978	60
XXXI	Value of Shipments of Product Classes 1974-1975-1976-1977	63
XXXII	Imports - Wood Pulp, Paper, Paperboard and Products - 1974-1979	64
XXXIII	Exports - Wood Pulp, Paper, Paperboard and Products - 1974-1979	66
XXXIV	General Statistics for the Paper and Allied Products Industry - 1977	68
XXXV	Regional Data on the Paper Industry - 1976	69
XXXVI	United States Wood Pulp Data - Totals for All Grades - 1899-1979 - Selected Years	70
XXXVII	United States Paper and Board Production, Imports, Exports and Consumption Total All Grades - 1899-1979	71
	Paper and Paperboard - 1947-1979	72
	Wet Machine Board-Construction Paper and Board	73
	Construction Paper, Insulating Board and Hard Pressed Board	74
	Hard Pressed Board	75

Price: $75.00 North America
$85.00 Overseas

SECTION 1

AMERICAN PAPER INSTITUTE DATA

TABLE I

TOTAL PAPER SHIPMENTS

1959 - 1979

(Thousands of Tons)

	1959	1960	1961	1962	1963	1964
TOTAL PAPER, ALL GRADES	15,025.3	15,294.6	15,821.1	16,560.4	17,319.5	18,111.7
Newsprint Production	1,964.0	2,038.0	2,094.0	2,153.9	2,218.0	2,261.0
Total Printing-Writing Papers	6,907.4	7,120.6	7,369.9	7,803.7	8,183.5	8,667.9
Uncoated Groundwood	896.4	929.0	907.3	909.7	956.4	995.4
Publishing and Printing	731.0	746.8	746.2	755.0	806.7	837.2
Converting	165.4	182.2	161.1	154.7	149.7	158.2
Coated Papers	1,992.3	2,122.3	2,159.3	2,290.5	2,425.2	2,608.3
Uncoated Free Sheet Papers	3,095.8	3,112.5	3,270.1	3,458.3	3,634.1	3,847.5
Uncoated Book	1,607.0	1,655.5	1,684.3	1,727.7	1,851.3	1,969.1
M.F., E.F. & Super Calendered	478.5	437.4	346.6	274.2	264.1	240.1
Offset	547.8	622.6	679.3	765.1	862.3	948.5
White Wove Envelope	261.6	267.3	280.0	310.6	318.8	357.3
Tablet	219.6	221.5	249.9	250.3	281.5	293.7
Other	99.5	106.7	128.5	127.5	124.6	129.5
Chemical Wood Pulp Writing Papers	1,205.5	1,166.2	1,279.6	1,401.5	1,452.2	1,538.3
Bond and Writing	429.2	371.8	407.0	457.3	470.0	499.2
Form Bond	245.0	260.0	300.0	345.0	375.0	420.0
Ledger	47.1	42.6	43.5	45.9	45.1	43.0
Mimeograph	102.5	102.1	110.0	113.4	110.9	116.5
Duplicating	92.3	93.6	106.0	111.5	116.0	117.3
Manifold	25.8	25.8	24.3	22.9	17.4	15.5
Papeterie and Wedding	50.1	49.9	46.7	49.3	42.9	45.2
Opaque Circular	27.8	30.1	28.8	26.5	27.3	20.6
Other	185.7	190.3	215.3	229.8	247.6	261.0
Cover and Text Papers	129.0	133.1	142.1	153.8	155.4	168.1
Kraft Envelope Papers Total	154.3	157.7	164.1	175.3	175.2	172.0
Brown Kraft - Estimated	70.0	75.0	80.0	85.0	85.0	80.0
Bleached Kraft - Estimated	74.3	82.7	84.1	90.3	90.2	92.0
Thin Papers	135.1	148.1	153.9	183.7	178.7	192.7
Cotton Fiber Papers	119.9	115.0	118.6	118.0	118.8	117.8
Bond and Writing	67.5	66.4	69.4	68.8	70.8	72.1
Other Business	32.1	29.9	30.4	30.5	29.7	28.0
Technical and Other	20.3	18.7	18.8	18.7	18.3	17.7
Bleached Bristols	667.9	693.7	760.7	843.5	870.3	906.2
Tabulating Index	279.3	298.2	342.9	393.7	395.5	419.4
Tag	148.1	143.1	149.5	154.6	164.7	171.5
File Folder	44.6	42.9	39.2	51.2	58.9	59.6
Index Bristol	98.3	92.4	94.2	97.6	98.0	97.4
Printing Bristol	20.1	19.9	21.7	22.3	22.3	22.4
Postcard	13.3	16.5	18.7	18.6	13.7	10.4
Coated Bristol	68.2	80.7	94.5	105.5	117.2	125.5
Total Packaging and Industrial Papers	4,026.0	3,934.6	4,048.0	4,188.6	4,341.6	4,436.1
Unbleached Kraft and Bleached Packaging Papers	3,731.0	3,651.4	3,733.0	3,880.6	4,027.2	4,091.7
Unbleached Kraft Papers	2,770.1	2,738.7	2,779.7	2,890.9	3,051.4	3,098.4
Wrapping	337.3	329.6	343.2	339.2	354.6	352.2
Bag and Sack (Exc.Shipping Sack)	1,102.0	1,127.2	1,135.1	1,231.0	1,270.2	1,326.2
Shipping Sack	813.6	786.7	795.9	797.8	880.7	865.9
Other Converting	523.2	495.2	505.5	522.9	545.9	554.1
Bleached Packaging Papers (Census)	779.0	735.5	769.1	799.0	782.0	797.4
Wrapping	228.7	215.0	196.3	204.3	191.4	191.7
Bag and Sack (Exc.Shipping Sack)	102.8	102.6	121.7	134.5	130.4	138.5
Shipping Sack	54.7	59.3	61.4	59.8	67.0	75.2
Other Converting[1/]	392.8	358.6	389.7	400.4	393.2	392.0
Glassine, Greaseproof and Vegetable Parchment (Census)	175.9	177.2	184.2	190.7	193.8	195.9
Special Industrial Papers (Census)	295.0	283.2	312.0	308.0	314.4	344.4
Total Tissue Papers (Census)	2,127.9	2,201.4	2,312.2	2,414.2	2,576.4	2,746.7
Total Sanitary Tissue Stock	1,881.7	1,963.6	2,078.0	2,178.9	2,340.4	2,515.7
Toilet Tissue	878.4	878.0	936.1	985.4	1,054.6	1,102.2
Single Ply	608.3	584.5	632.4	649.3	666.5	657.8
Multi-Ply	270.1	293.5	303.8	336.1	388.1	449.5
Facial Tissue Stock	233.7	254.2	262.0	261.8	278.4	327.4
Napkin Stock	228.6	238.1	246.6	249.5	261.3	266.1
Single Ply	174.4	179.7	186.0	184.6	194.6	202.3
Multi-Ply	54.2	58.4	60.6	64.8	66.7	63.8
Towelling *	469.1	516.2	558.9	604.5	662.9	723.1
Wiper Stock *	21.7	25.7	26.5	31.9	33.1	38.4
Other Sanitary Tissue *	50.2	51.3	47.7	45.8	50.0	53.5
Total All Other Tissue	246.2	237.8	234.3	235.3	236.0	231.0
Waxing Tissue Stock	107.4	104.1	105.2	96.3	93.1	81.5
Wrapping Tissue Stock	49.0	46.2	45.4	51.8	50.3	58.9
Industrial Cellulose Wadding	35.0	33.2	29.8	28.0	29.2	31.1
Miscellaneous Tissue	54.8	54.4	53.9	59.3	63.3	59.6

1/ Less API Bleached Envelope data

* Revised slightly by API

TABLE I (Cont.)

TOTAL PAPER SHIPMENTS

1959 - 1979

(Thousands of Tons)

	1965	1966R	1967R	1968R	1969R
TOTAL PAPER, ALL GRADES	19,157.0	20,724.9	20,925.6	22,205.6	23,476.7
Newsprint Production	2,246.0	2,483.0	2,709.0	3,005.0	3,362.0
Total Printing-Writing Papers	9,337.5	10,318.4	10,121.9	10,535.8	11,139.1
Uncoated Groundwood	974.0	1,088.3	1,019.6	1,090.3	1,094.9
Publishing and Printing	814.0	876.4	806.4	883.3	914.0
Converting	160.0	211.9	213.2	207.0	180.9
Coated Papers	2,814.2	3,087.6	3,086.4	3,138.4	3,348.5
Uncoated Free Sheet Papers	4,216.0	4,691.9	4,577.0	4,817.7	5,214.9
Uncoated Book	2,110.1	2,362.9	2,232.1	2,376.6	2,494.0
M.F., E.F. & Super Calendered	219.3	228.2	209.9	198.2	234.3
Offset	1,062.4	1,221.9	1,165.3	1,272.1	1,356.5
White Wove Envelope	392.4	412.8	423.0	459.6	461.2
Tablet	304.4	346.3	294.6	313.0	320.9
Other	131.6	153.7	139.3	133.7	146.1
Chemical Wood Pulp Writing Papers	1,725.9	1,931.2	1,964.2	2,061.7	2,367.0
Bond and Writing	555.9	620.8	613.9	627.1	718.0
Form Bond	490.0	575.0	600.0	648.0	778.1
Ledger	40.6	49.1	47.5	50.6	51.1
Mimeograph	117.3	125.4	122.7	115.1	113.1
Duplicating	125.6	134.9	141.9	160.9	172.5
Manifold	19.9	20.2	17.2	14.0	11.0
Papeterie and Wedding	45.5	51.7	51.7	56.0	59.9
Opaque Circular	22.9	23.8	24.6	23.3	25.0
Other	302.2	330.3	344.7	365.7	378.4
Cover and Text Papers	186.0	194.1	192.2	192.8	200.1
Kraft Envelope Papers Total	194.0	203.7	188.5	186.0	208.8
Brown Kraft - Estimated	67.0	68.1	92.9	92.1	102.9
Bleached Kraft - Estimated	127.0	135.6	95.6	94.5	105.9
Thin Papers	211.3	245.4	238.0	261.6	288.3
Cotton Fiber Papers	122.3	126.3	124.8	124.0	128.1
Bond and Writing	74.8	78.7	74.8	80.3	83.3
Other Business	29.0	28.8	30.1	25.2	24.7
Technical and Other	18.5	18.8	19.9	18.3	18.1
Bleached Bristols	999.7	1,078.9	1,076.1	1,103.8	1,123.7
Tabulating Index	478.6	514.4	533.2	534.6	558.7
Tag	194.9	196.9	187.4	203.7	193.5
File Folder	64.0	71.4	71.0	77.8	76.3
Index Bristol	100.6	115.0	105.5	109.9	110.4
Printing Bristol	23.4	26.5	24.0	24.0	28.0
Postcard	8.8	10.3	8.5	5.2	6.8
Coated Bristol	129.4	144.4	143.9	134.1	150.4
Total Packaging and Industrial Papers	4,683.9	4,823.7	4,865.8	5,166.9	5,404.8
Unbleached Kraft and Bleached Packaging Papers	4,319.1	4,430.1	4,470.3	4,753.1	4,961.8
Unbleached Kraft Papers	3,293.1	3,410.4	3,391.9	3,602.3	3,670.2
Wrapping	358.9	370.0	339.7	353.5	327.7
Bag and Sack (Exc.Shipping Sack)	1,947.7	1,948.1	1,931.3	1,713.0	1,737.9
Shipping Sack	894.9	884.7	902.5	978.8	985.5
Other Converting	591.6	611.6	523.4	557.2	591.1
Bleached Packaging Papers (Census)	825.4	801.1	891.3	942.9	979.2
Wrapping	207.4	208.4	217.7	230.5	229.4
Bag and Sack (Exc.Shipping Sack)	163.1	171.6	185.5	207.6	227.3
Shipping Sack	72.0	74.7	89.1	88.7	99.8
Other Converting[1]	382.9	347.4	398.9	415.8	418.7
Glassine, Greaseproof and Vegetable Parchment (Census)	200.6	214.6	196.1	207.7	216.4
Special Industrial Papers (Census)	364.8	393.6	386.5	413.8	443.0
Total Tissue Papers (Census)	2,890.6	3,099.8	3,228.9	3,455.9	3,610.8
Total Sanitary Tissue Stock	2,651.4	2,847.5	2,976.7	3,217.2	3,368.6
Toilet Tissue	1,120.9	1,168.9	1,171.0	1,273.1	1,276.7
Single Ply	663.8	700.2	675.8	733.9	721.7
Multi-Ply	457.1	469.7	495.2	539.3	553.0
Facial Tissue Stock	327.2	337.5	349.1	349.8	386.4
Napkin Stock	287.3	332.8	347.3	374.7	377.8
Single Ply	215.2	253.0	262.0	292.3	293.7
Multi-Ply	72.1	79.7	85.3	82.4	84.1
Towelling *	816.4	897.7	987.8	1,077.7	1,130.9
Wiper Stock *	40.1	49.1	48.9	50.3	58.8
Other Sanitary Tissue *	59.5	60.5	72.8	91.5	134.1
Total All Other Tissue	239.2	252.3	252.1	238.7	242.2
Waxing Tissue Stock	85.8	81.0	78.0	71.0	66.0
Wrapping Tissue Stock	60.8	57.6	55.3	53.2	43.4
Industrial Cellulose Wadding	31.3	43.1	45.3	53.3	52.9
Miscellaneous Tissue	61.3	70.5	73.6	61.2	79.9

1/ Less API Bleached Envelope data
* Revised slightly by API
R - Revised

TABLE I (Cont.)

TOTAL PAPER SHIPMENTS

1959 - 1979

(Thousands of Tons)

	1970R	1971R	1972R	1973R	1974R
TOTAL PAPER, ALL GRADES	23,374.9	23,744.9	25,383.1	26,810.9	26,909.4
Newsprint Production	3,464.0	3,470.0	3,656.0	3,738.0	3,561.0 2/
Total Printing-Writing Papers	10,961.7	11,190.9	12,256.8	13,424.9	13,484.5
Uncoated Groundwood	1,084.6	1,089.2	1,126.0	1,180.9	1,192.4
Publishing and Printing	924.4	929.0	950.9	985.1	1,001.8
Converting	160.2	160.2	175.1	195.8	190.6
Coated Papers	3,278.6	3,232.7	3,526.8	3,825.0	3,821.7
Uncoated Free Sheet Papers	5,124.4	5,386.9	5,991.2	6,703.9	6,783.8
Uncoated Book	2,452.7	2,593.8	2,854.1	2,983.4	2,772.7
M.F., E.F. & Super Calendered	162.1	147.6	128.6	154.6	128.1
Offset	1,360.4	1,443.4	1,661.8	1,826.8	1,798.1
White Wove Envelope	466.1	467.6	527.0	570.9	530.6
Tablet	342.4	401.3	396.5	305.5	167.5
Other	121.7	133.9	140.2	125.6	148.4
Chemical Wood Pulp Writing Papers	2,288.9	2,435.2	2,753.2	3,287.0	3,594.9
Bond and Writing	698.6	761.5	889.6	1,068.7	1,325.1
Form Bond	722.1	787.1	913.0	1,119.3	1,160.8
Ledger	48.2	51.5	53.9	61.8	70.8
Mimeograph	126.4	125.5	128.2	144.3	128.8
Duplicating	165.6	162.9	171.4	182.4	178.4
Manifold	9.8	10.7	11.8	12.7	11.7
Papeterie and Wedding	53.9	51.9	51.1	57.3	47.3
Opaque Circular	23.6	24.5	20.2	33.6	38.1
Other	440.7	459.6	508.0	607.9	633.9
Cover and Text Papers	193.2	181.0	194.4	219.5	213.1
Kraft Envelope Papers Total	189.6	176.9	189.5	214.0	203.1
Brown Kraft - Estimated	95.7	93.7	93.2	106.7	98.3
Bleached Kraft - Estimated	93.9	83.2	96.3	107.3	104.8
Thin Papers	287.9	292.3	333.2	358.2	371.8
Cotton Fiber Papers	115.4	112.8	119.1	123.7	117.0
Bond and Writing	76.5	75.7	81.1	85.5	82.2
Other Business	23.4	21.1	22.2	22.8	20.8
Technical and Other	15.5	16.0	15.8	15.4	14.0
Bleached Bristols	1,070.8	1,077.0	1,160.5	1,233.2	1,197.8
Tabulating Index	499.6	458.3	465.0	491.2	498.6
Tag	184.3	193.5	217.1	220.3	140.1
File Folder	72.0	80.9	88.3	87.1	66.9
Index Bristol	102.3	106.1	120.9	130.9	181.0
Printing Bristol	32.0	32.9	39.2	46.9	52.5
Postcard	6.7	6.7	5.7	3.1	0.2
Coated Bristol	173.8	198.6	224.3	253.7	258.5
Total Packaging and Industrial Papers	5,230.8	5,245.4	5,493.7	5,609.2	5,777.5
Unbleached Kraft and Bleached Packaging Papers	4,809.7	4,807.1	4,986.9	4,999.1	5,179.5
Unbleached Kraft Papers	3,672.4	3,049.2	3,810.9	3,901.6	4,080.4
Wrapping	296.4	280.3	282.5	272.3	252.5
Bag and Sack (Exc.Shipping Sack)	1,927.4	1,929.3	2,014.5	2,006.2	2,122.4
Shipping Sack	953.3	930.4	935.7	1,025.8	1,151.6
Other Converting	495.3	509.2	578.2	597.3	553.9
Bleached Packaging Papers (Census)	934.0	952.1	942.0	867.0	858.6
Wrapping	219.6	205.7	204.4	158.1	143.1
Bag and Sack (Exc.Shipping Sack)	218.6	234.7	240.8	254.2	245.2
Shipping Sack	97.9	101.9	105.1	104.4	130.2
Other Converting 1/	397.9	409.8	391.7	350.4	340.1
Glassine, Greaseproof and Vegetable Parchment (Census)	203.3	205.8	234.0	230.5	240.5
Special Industrial Papers (Census)	421.1	438.3	506.8	610.1	598.0
Total Tissue Papers (Census)	3,718.4	3,832.0	3,976.6	4,038.8	4,086.4
Total Sanitary Tissue Stock	3,494.0	3,604.3	3,746.2	3,771.8	3,823.2
Toilet Tissue	1,323.1	1,376.2	1,398.7	1,440.5	1,466.1
Single Ply	775.5	812.8	839.9	870.3	881.8
Multi-Ply	547.6	563.4	558.7	570.2	584.3
Facial Tissue Stock	365.0	341.1	367.2	361.8	356.9
Napkin Stock	381.2	394.7	419.3	447.7	442.5
Single Ply	304.3	319.5	343.3	357.8	369.7
Multi-Ply	76.9	75.2	76.0	89.8	72.8
Towelling	1,168.1	1,183.7	1,249.4	1,276.4	1,333.2
Wiper Stock	55.8	54.9	59.4	61.3	45.3
Other Sanitary Tissue	200.8	253.8	252.2	184.1	179.2
Total All Other Tissue	224.5	228.3	230.5	267.0	263.2
Waxing Tissue Stock	57.8	58.3	58.4	52.9	49.8
Wrapping Tissue Stock	45.8	48.4	51.5	62.2	60.1
Industrial Cellulose Wadding	43.2	40.3	34.2	36.4	33.2
Miscellaneous Tissue	77.7	81.3	86.4	115.5	120.1

1/ Less API Bleached Envelope data 2/ Basis weight change from 32 lb. to 30 lb.

R - Revised

TABLE I (Cont.)

TOTAL PAPER SHIPMENTS

1959-1979

(Thousands of Tons)

	1975R	1976R	1977R	1978R	1979P
TOTAL PAPER, ALL GRADES	23,308.5	26,610.4	27,732.2	28,367.4	29,660.9
Newsprint Production	3,691.0	3,735.9	3,870.5	3,767.5	4,062.0
Total Printing-Writing Papers	11,011.7	13,250.6	13,896.5	14,595.6	15,367.7
Uncoated Groundwood	1,127.2	1,320.6	1,359.7	1,354.4	1,509.0
Publishing and Printing	947.5	1,066.5	1,082.4	1,061.0	1,186.0
Converting	179.7	254.1	277.3	293.4	323.0
Coated Papers	3,194.0	3,980.8	4,261.4	4,453.3	4,526.6
Uncoated Free Sheet Papers	5,355.1	6,472.2	6,776.6	7,221.3	7,813.2
Uncoated Book	2,272.9	2,739.6	2,872.1	3,006.6	3,284.9
M.F., E.F. & Super Calendered	66.5	69.3	66.1	69.5	85.9
Offset	1,434.1	1,744.1	1,853.7	1,873.1	2,101.7
White Wove Envelope	456.6	519.9	554.4	596.6	634.8
Tablet	229.3	299.6	285.4	350.4	314.7
Other	86.4	106.7	112.5	117.0	147.8
Chemical Wood Pulp Writing Papers	2,762.2	3,353.3	3,512.1	3,772.4	4,050.8
Bond and Writing	1,012.0	1,265.5	1,344.3	1,415.2	1,566.3
Form Bond	949.6	1,163.2	1,212.5	1,339.6	1,463.3
Ledger	51.0	57.4	59.6	57.9	58.6
Mimeograph	96.2	100.8	92.3	91.9	85.6
Duplicating	123.6	136.0	147.0	149.5	153.3
Manifold	9.0	12.0	9.2	12.1	10.8
Paperterie and Wedding	34.2	47.5	43.6	50.2	56.4
Opaque Circular	26.6	32.8	32.7	39.6	45.5
Other	460.0	538.1	570.9	617.4	611.0
Cover and Text Papers	156.2	175.3	189.1	212.1	243.1
Kraft Envelope Papers Total	163.8	204.0	203.3	230.2	234.4
Brown Kraft - Estimated	83.4	101.4	101.1	121.1	115.6
Bleached Kraft - Estimated	80.4	102.6	102.2	109.1	118.8
Thin Papers	310.8	348.4	338.7	349.7	376.1
Cotton Fiber Papers	94.5	104.2	108.5	114.4	124.6
Bond and Writing	67.6	75.3	79.0	83.7	90.9
Other Business	16.3	15.8	15.6	16.3	16.6
Technical and Other	10.6	13.1	13.9	14.4	17.1
Bleached Bristols	930.1	1,024.4	1,051.6	1,102.5	1,018.2
Tabulating Index	372.7	334.3	338.0	310.6	267.0
Tag	132.3	177.2	175.8	205.7	202.4
File Folder	86.0	92.0	99.3	112.3	127.6
Index Bristol	119.0	140.8	135.6	143.4	137.3
Printing Bristol	37.9	43.0	46.4	51.3	53.9
Postcard	1.3	1.4	1.3	0.6	0.2
Coated Bristol	180.9	235.7	255.2	278.6	239.0
Total Packaging and Industrial Papers	4,626.4	5,437.7	5,679.6	5,780.5	5,725.0
Unbleached Kraft and Bleached Packaging Papers	4,186.2	4,864.1	5,156.0	5,291.7	5,242.2
Unbleached Kraft Papers	3,301.5	3,828.2	3,810.4	3,884.0	3,933.7
Wrapping	175.4	212.0	172.3	200.9	189.3
Bag and Sack (Exc.Shipping Sack)	1,946.5	2,122.2	2,078.5	2,181.9	2,202.0
Shipping Sack	813.5	986.1	1,031.9	999.7	1,065.8
Other Converting	366.3	507.9	527.7	501.5	476.6
Bleached Packaging Papers (Census)	693.5	828.7	1,127.0	1,148.7	1,092.3
Wrapping	115.3	120.4	136.1	154.8	125.4
Bag and Sack (Exc.Shipping Sack)	227.8	273.9	304.1	272.7	246.6
Shipping Sack	95.3	127.6	106.8	91.6	96.4
Other Converting 1/	255.1	300.8	580.0	629.6	623.9
Glassine, Greaseproof and Vegetable Parchment (Census)	191.2	207.2	218.6	259.0	216.2
Special Industrial Papers (Census)	440.2	573.6	523.6	497.8	482.8
Total Tissue Papers (Census)	3,979.4	4,186.2	4,285.6	4,214.8	4,506.2
Total Sanitary Tissue Stock	3,771.9	3,954.6	4,069.6	4,017.4	4,313.1
Toilet Tissue	1,520.1	1,608.9	1,660.2	1,643.2	1,742.4
Single Ply	907.5	935.1	866.5	865.4	956.3
Multi-Ply	612.6	673.9	793.6	777.9	786.1
Facial Tissue Stock	339.8	335.1	336.0	329.0	357.9
Napkin Stock	462.1	455.2	491.9	493.1	525.7
Single Ply	387.6	382.6	406.8	409.5	433.0
Multi-Ply	74.5	72.5	85.1	83.6	92.7
Towelling	1,248.5	1,323.2	1,353.4	1,317.6	1,404.0
Wiper Stock	37.0	46.4	43.8	44.8	58.8
Other Sanitary Tissue	164.6	185.9	184.3	189.6	224.2
Total All Other Tissue	207.5	231.6	216.0	197.4	193.1
Waxing Tissue Stock	43.6	43.0	36.3	35.2	37.1
Wrapping Tissue Stock	44.4	57.8	55.3	52.0	50.3
Industrial Cellulose Wadding	*	*	*	*	*
Miscellaneous Tissue	119.5	130.7	124.4	110.2	105.8

1/ Less API Bleached Envelope data

R - Revised
P - Preliminary

TABLE II

PAPERBOARD PRODUCTION 1955 - 1979

BY END USE

TONS

YEAR	PRODUCTION	CONTAINERBOARD-DOMESTIC USE			
		Total	Linerboard	Corrugating Material	Chip and Filler Boards
1955	14,043,700	7,244,200	4,789,600	2,165,400	289,200
1956	14,371,600	7,451,300	4,933,400	2,249,500	268,400
1957	14,181,900	7,337,200	4,869,700	2,215,600	251,900
1958	14,237,000	7,259,200	4,818,900	2,191,300	249,000
1959	15,972,000	8,232,000	5,475,400	2,498,800	257,800
1960	15,926,500	8,186,600	5,474,800	2,461,000	250,800
1961	16,727,300	8,661,300	5,753,900	2,649,300	258,100
1962	17,847,400	9,299,000	6,216,500	2,822,100	260,400
1963	18,593,600	9,638,300	6,414,000	2,961,800	262,500
1964	19,953,800	10,341,900	6,907,500	3,165,100	269,300
1965	21,331,500	11,199,100	7,480,600	3,438,200	280,300
1966	23,178,600	12,459,600	8,347,300	3,799,800	312,500
1967	22,819,300	12,248,600	8,215,600	3,743,500	289,500
1968	24,903,600	13,388,400	9,043,700	4,061,900	282,800
1969	26,375,700	14,396,400	9,692,500	4,395,400	308,600
1970	25,383,000	13,964,300	9,403,100	4,264,000	297,200
1971	26,037,000	14,353,000	9,530,800	4,519,700	302,500
1972	28,502,500	16,019,000	10,856,500	4,846,500	315,900
1973	29,571,500	16,928,100	11,355,900	5,255,000	317,100
1974	28,914,900	16,767,000	11,305,400	5,179,200	282,300
1975	24,755,700	14,586,200	9,854,200	4,449,300	282,600
1976	28,439,500	16,700,200	11,375,900	5,061,500	262,900
1977	28,953,100	17,167,300	11,695,700	5,207,900	263,700
1978	30,274,900	17,908,200	12,133,700	5,503,100	271,500
1979	31,428,900	18,824,800	12,819,500	5,775,900	229,300

TABLE II (Cont'd)

PAPERBOARD PRODUCTION 1955 - 1979

BY END USE

TONS

YEAR	BOXBOARD-DOMESTIC USE				ALL OTHER
	Total	Folding	Set-Up	Milk Carton & Food Service	PAPERBOARD
1955	4,907,600	2,938,800	636,700	831,900	2,392,100
1956	4,530,300	2,970,900	636,700	922,700	2,390,000
1957	4,513,400	3,020,800	568,200	920,400	2,331,300
1958	4,533,300	3,032,500	538,600	962,200	2,446,500
1959	4,911,400	3,285,900	576,100	1,049,400	2,828,600
1960	4,899,900	3,291,200	525,100	1,078,600	2,845,300
1961	5,007,500	3,374,800	496,800	1,135,900	3,058,500
1962	5,265,200	3,501,800	523,800	1,239,600	3,283,200
1963	5,417,200	3,635,800	526,800	1,254,600	3,538,100
1964	5,580,800	3,752,300	534,000	1,294,500	4,031,100
1965	5,811,200	3,879,600	547,300	1,384,300	4,321,200
1966	6,076,900	4,040,300	559,700	1,475,900	4,643,300
1967	5,973,100	4,020,700	496,100	1,456,300	4,597,600
1968	6,334,000	4,218,300	519,500	1,596,200	5,181,200
1969	6,629,800	4,261,600	498,600	1,669,600	5,534,300
1970	6,248,700	4,079,700	466,500	1,692,500	5,180,000
1971	6,233,600	4,139,400	447,900	1,646,300	5,450,400
1972	6,551,000	4,439,800	455,100	1,656,100	5,932,500
1973	6,769,300	4,709,500	465,300	1,594,500	5,879,200
1974	6,399,000	4,426,500	403,600	1,568,900	5,748,900
1975	5,663,800	3,896,400	304,500	1,462,900	4,505,700
1976	6,564,700	4,714,600	331,500	1,518,600	5,174,500
1977	6,332,200	4,546,700	302,500	1,483,100	5,453,500
1978	6,504,500	4,705,500	332,700	1,466,300	5,862,200
1979	6,474,600	4,724,700	306,000	1,443,900	6,129,600

TABLE III

CONTAINERBOARD PRODUCTION 1955 - 1979

(For Domestic Use)

TONS

YEAR	TOTAL	LINERBOARD		
		Total	Kraft	Recycled
1955	7,244,200	4,789,600	3,947,400	842,200
1956	7,451,300	4,933,400	4,139,600	793,800
1957	7,337,200	4,869,700	4,097,900	771,800
1958	7,259,200	4,818,900	4,110,200	708,700
1959	8,232,000	5,475,400	4,701,000	774,400
1960	8,186,600	5,474,800	4,731,200	743,600
1961	8,661,300	5,753,900	5,095,700	658,200
1962	9,299,000	6,216,500	5,514,700	701,800
1963	9,638,300	6,414,000	5,706,100	707,900
1964	10,341,900	6,907,500	6,188,000	719,500
1965	11,199,100	7,480,600	6,698,100	782,500
1966	12,459,600	8,347,300	7,550,200	797,100
1967	12,248,600	8,215,600	7,693,300	522,300
1968	13,388,400	9,043,700	8,612,200	431,500
1969	14,396,400	9,692,500	9,345,300	347,200
1970	13,964,300	9,403,100	9,133,900	269,700
1971	14,353,000	9,530,800	9,249,100	281,700
1972	16,019,000	10,856,500	10,577,600	278,900
1973	16,928,100	11,355,900	11,066,900	289,100
1974	16,767,000	11,305,400	10,838,400	467,100
1975	14,586,200	9,854,200	9,646,900	207,300
1976	16,700,200	11,375,900	11,093,200	282,700
1977	17,167,300	11,695,700	11,354,400	341,400
1978	17,908,200	12,133,700	11,877,200	256,400
1979	18,824,800	12,819,500	12,417,300	402,300

TABLE III (Cont.)

CONTAINERBOARD PRODUCTION 1955 - 1979

(For Domestic Use)

TONS

YEAR	CORRUGATING MATERIAL			
	Total	Semi-Chemical	Recycled	Chip and Filler Boards
1955	2,165,400	1,670,200	695,200	280,200
1956	2,209,500	1,551,700	697,800	268,400
1957	2,215,600	1,557,800	657,800	251,900
1958	2,191,300	1,486,200	705,100	299,000
1959	2,998,800	1,786,100	712,700	257,800
1960	2,961,000	1,788,900	672,100	250,800
1961	2,949,300	2,023,500	625,800	258,100
1962	2,822,100	2,188,800	633,300	260,000
1963	2,961,800	2,287,100	676,700	262,500
1964	3,165,100	2,447,400	717,700	269,300
1965	3,438,200	2,638,200	800,000	280,300
1966	3,799,800	2,909,800	890,000	312,500
1967	3,743,500	2,982,100	761,400	289,500
1968	4,061,900	3,371,200	690,700	282,800
1969	4,395,900	3,617,000	778,600	308,100
1970	4,268,000	3,408,700	859,300	297,200
1971	4,519,700	3,580,200	939,500	302,500
1972	4,866,500	3,879,200	972,300	315,900
1973	5,255,000	4,126,500	1,128,500	317,100
1974	5,179,200	4,010,300	1,169,000	282,300
1975	4,449,300	3,579,900	870,000	282,600
1976	5,061,500	3,986,500	1,075,100	282,900
1977	5,207,900	4,128,200	1,079,700	263,700
1978	5,503,100	4,305,300	1,197,800	271,500
1979	5,775,900	4,574,600	1,202,300	229,300

TABLE IV

BOXBOARD PRODUCTION 1955 - 1979

(For Domestic Use)

TONS

YEAR	TOTAL	Folding	Milk Carton and Food Service	Set-Up
1955	4,807,900	2,938,800	831,900	636,700
1956	4,529,300	2,970,900	922,700	636,700
1957	4,513,900	3,020,800	924,500	568,200
1958	4,533,400	3,032,500	962,200	538,600
1959	4,911,900	3,285,900	1,049,900	576,100
1960	4,894,900	3,295,200	1,078,600	525,100
1961	5,007,500	3,379,800	1,135,900	496,800
1962	5,240,200	3,500,800	1,239,600	523,800
1963	5,417,200	3,636,800	1,254,600	526,800
1964	5,580,800	3,752,300	1,290,500	538,000
1965	5,811,200	3,879,600	1,384,300	547,300
1966	6,075,900	4,000,300	1,475,900	559,700
1967	5,973,100	4,020,700	1,456,300	496,100
1968	6,339,000	4,218,300	1,590,200	519,500
1969	6,429,800	4,261,600	1,669,600	498,600
1970	6,238,700	4,070,700	1,602,500	456,500
1971	6,233,600	4,139,200	1,648,300	447,900
1972	6,331,600	4,239,800	1,656,100	435,100
1973	6,764,300	4,700,500	1,598,500	465,300
1974	6,399,000	4,420,500	1,568,900	403,600
1975	5,665,800	3,800,900	1,462,900	304,500
1976	6,569,700	4,719,600	1,518,600	331,500
1977	6,332,200	4,546,700	1,483,100	302,500
1978	6,504,500	4,705,500	1,466,300	332,700
1979	6,478,600	4,729,700	1,443,900	306,000

TABLE V

BLEACHED PAPERBOARD PRODUCTION 1970 - 1979

(On Machines Primarily Producing Bleached Packaging Paperboard)

For Packaging and Non-Packaging Uses

TONS

END USE	1970	1971	1972	1973	1974
Milk Cartons	940,700	918,800	894,400	871,200	850,200
Folding Cartons	1,264,900	1,394,900	1,575,700	1,730,300	1,678,700
Heavyweight Cup, Rounded Nested Food Containers, and Cup Lids	380,900	380,300	395,600	410,900	415,800
Plate, Dish and Tray	287,200	278,100	318,900	296,600	289,800
Other Packaging Uses*	221,600	280,900	308,700	348,500	382,700
Linerboard	192,800	148,200	117,200	119,900	92,700
TOTAL PACKAGING PAPERBOARD	3,288,100	3,307,000	3,607,500	3,771,900	3,709,800
Milk Carton and Food Service	1,942,500	1,906,500	1,830,100	1,594,500	1,568,900
Balance of Packaging Uses	1,512,600	1,700,500	1,951,400	2,177,400	2,140,900
NON-PACKAGING USES	183,900	101,100	101,800	81,500	59,500
TOTAL ALL PRODUCTION	3,472,000	3,408,100	3,709,300	3,852,900	3,769,300

END USE	1975	1976	1977	1978	1979**
Milk Cartons	801,200	822,300	808,700	741,200	718,700
Folding Cartons	1,608,100	1,770,300	1,592,000	1,756,200	1,717,800
Heavyweight Cup, Rounded Nested Food Containers, and Cup Lids	430,100	442,800	438,200	418,700	434,200
Plate, Dish and Tray	249,200	256,300	282,400	307,100	274,300
Other Packaging Uses*	513,000	602,200	525,200	581,300	681,500
Linerboard	70,300	91,900	80,200	109,400	110,900
TOTAL PACKAGING PAPERBOARD	3,301,900	3,705,200	3,660,700	3,824,700	3,936,200
Milk Carton and Food Service	1,602,900	1,518,000	1,983,100	1,866,300	1,941,900
Balance of Packaging Uses	1,838,200	2,276,000	2,186,600	2,958,000	2,992,300
NON-PACKAGING USES	90,300	93,900	97,300	97,700	61,900
TOTAL ALL PRODUCTION	3,391,900	3,838,300	3,717,000	3,972,900	3,998,100

* - Includes Exports

** - Starting in 1979 lightweight cup is included with heavyweight cup

TABLE VI

PAPERBOARD PRODUCTION BY REGION

1965 - 1979

TONS

YEAR	TOTAL PAPERBOARD	CONTAINERBOARD - DOMESTIC			
		Total	Linerboard	Corrugating Material	Container Chip & Filler Boards
NORTH EASTERN					
1965	2,874,700	716,800	192,700	481,100	37,000
1966	2,902,100	767,700	208,100	521,000	38,200
1967	2,810,100	695,200	121,500	539,000	34,700
1968	2,820,900	675,700	100,900	534,600	40,200
1969	2,769,600	687,000	85,000	569,200	34,800
1970	2,627,800	653,900	60,100	556,600	36,700
1971	2,525,300	634,800	54,400	551,100	29,300
1972	2,622,700	645,800	54,700	562,300	28,800
1973	2,733,800	725,300	60,900	615,300	53,100
1974	2,677,500	852,100	152,700	642,000	57,400
1975	2,052,000	530,900	35,200	443,400	52,300
1976	2,255,000	566,200	70,800	448,200	47,200
1977	2,247,100	562,800	70,800	446,600	45,500
1978	2,284,900	561,300	37,400	470,200	53,700
1979	2,259,800	564,200	61,900	456,700	46,100
SOUTHERN					
1965	11,270,100	6,080,300	3,330,100	1,518,300	52,000
1966	12,379,900	7,302,500	4,832,500	1,968,800	41,200
1967	12,537,100	7,435,600	5,964,900	1,435,600	35,100
1968	14,081,800	8,315,400	6,740,600	1,538,200	34,600
1969	15,933,100	9,181,100	7,488,200	1,651,400	41,500
1970	15,078,400	8,961,900	7,306,700	1,618,400	36,200
1971	15,782,300	9,330,600	7,507,500	1,789,600	33,500
1972	17,480,000	10,671,200	8,698,700	1,988,000	24,500
1973	18,179,900	11,257,000	9,083,700	2,158,900	14,400
1974	17,878,900	11,006,800	8,883,300	2,111,000	12,400
1975	15,752,600	9,882,100	7,957,700	1,860,900	63,400
1976	18,121,100	11,000,600	9,178,200	2,181,400	41,100
1977	18,225,100	11,341,000	9,299,000	2,199,400	42,700
1978	19,560,200	12,268,700	9,890,100	2,331,500	47,100
1979	20,219,100	12,602,100	10,280,300	2,376,900	34,700
NORTH CENTRAL					
1965	4,031,600	1,796,600	408,700	1,203,800	184,100
1966	4,191,700	1,880,100	400,700	1,282,600	196,800
1967	3,928,600	1,677,600	252,600	1,240,100	184,900
1968	4,174,400	1,802,200	190,100	1,431,400	180,700
1969	4,272,100	1,916,600	160,200	1,539,300	217,200
1970	3,936,000	1,788,900	110,300	1,471,000	207,600
1971	4,041,100	1,854,000	101,800	1,534,100	218,100
1972	4,245,500	1,926,000	106,400	1,597,400	222,200
1973	4,360,400	2,031,900	111,000	1,697,300	223,600
1974	4,186,500	2,005,700	170,600	1,637,900	191,200
1975	3,367,200	1,655,600	63,900	1,448,600	142,900
1976	3,928,000	1,869,900	57,000	1,663,900	148,900
1977	4,091,700	2,010,300	117,200	1,734,300	158,800
1978	4,164,200	2,127,500	98,600	1,870,400	158,500
1979	4,332,900	2,334,900	165,800	2,029,300	139,800
PACIFIC COAST					
1965	3,145,100	2,011,600	1,549,000	435,300	27,300
1966	3,614,900	2,409,300	1,880,000	527,100	30,300
1967	3,593,500	2,360,300	1,876,600	528,900	34,800
1968	3,826,500	2,597,100	2,012,000	557,800	27,300
1969	3,900,900	2,611,800	1,961,100	635,600	15,100
1970	3,790,800	2,560,600	1,920,300	618,000	16,600
1971	3,688,300	2,533,100	1,867,000	644,900	21,600
1972	4,150,200	2,776,000	2,036,800	698,800	40,400
1973	4,297,500	2,914,000	2,104,400	783,500	26,100
1974	4,172,500	2,902,600	2,092,900	788,300	21,200
1975	3,583,900	2,512,300	1,797,400	694,400	20,500
1976	4,144,300	2,863,500	2,069,900	768,000	25,600
1977	4,391,300	3,053,100	2,208,800	827,600	16,800
1978	4,286,200	2,950,800	2,107,500	831,000	12,300
1979	4,597,200	3,233,600	2,311,800	913,000	8,800

Note: Exports are included in "All Other"
Note: Detail does not necessarily add to totals due to rounding

TABLE VI (Cont.)

PAPERBOARD PRODUCTION BY REGION

TONS

1965 - 1979

YEAR	BOXBOARD - DOMESTIC				
	Total	Folding	Set-Up	Milk Carton & Food Service	All Other
NORTH EASTERN					
1965	1,293,000	972,100	248,800	72,100	870,900
1966	1,302,900	989,600	246,000	67,300	921,500
1967	1,233,600	954,800	214,800	64,000	881,300
1968	1,274,200	991,100	220,900	62,200	871,000
1969	1,178,800	911,900	202,200	64,700	903,800
1970	1,108,100	851,100	194,100	62,900	866,300
1971	1,003,900	767,100	176,200	60,600	886,600
1972	1,020,900	788,400	181,300	51,100	956,100
1973	961,900	752,200	181,000	28,700	1,046,700
1974	861,600	679,800	154,200	27,600	963,800
1975	724,400	582,000	116,500	26,000	791,200
1976	841,000	690,800	120,900	29,400	847,900
1977	865,000	735,000	102,500	27,200	819,300
1978	861,000	723,300	112,700	25,000	862,100
1979	840,900	721,900	85,500	33,500	854,700
SOUTHERN					
1965	2,428,400	1,216,200	122,300	1,089,900	2,161,300
1966	2,649,200	1,309,900	128,400	1,210,900	2,368,200
1967	2,666,500	1,385,000	114,100	1,167,400	2,435,000
1968	2,944,000	1,490,200	127,800	1,326,000	2,824,400
1969	3,163,200	1,634,600	122,600	1,406,000	3,088,800
1970	3,166,000	1,628,800	113,300	1,423,900	2,951,000
1971	3,320,500	1,784,000	105,300	1,430,600	3,131,200
1972	3,519,400	1,964,100	108,400	1,446,800	3,293,600
1973	3,776,400	2,244,400	118,000	1,414,000	3,146,500
1974	3,660,200	2,168,400	105,000	1,386,800	3,211,400
1975	3,352,700	2,000,100	89,500	1,263,000	2,517,800
1976	3,931,400	2,500,700	99,800	1,330,800	2,789,100
1977	3,700,600	2,316,700	96,700	1,287,300	2,981,400
1978	3,943,100	2,537,300	104,500	1,301,300	3,328,400
1979	3,979,400	2,596,900	104,500	1,278,000	3,547,600
NORTH CENTRAL					
1965	1,517,300	1,288,600	150,000	78,700	717,700
1966	1,541,300	1,316,300	160,300	65,300	769,700
1967	1,489,300	1,288,300	140,800	60,200	761,700
1968	1,489,100	1,295,100	150,200	43,800	883,100
1969	1,458,000	1,279,300	154,100	24,600	897,500
1970	1,338,300	1,194,300	133,500	10,500	808,800
1971	1,345,500	1,195,800	140,900	8,800	841,600
1972	1,396,300	1,246,000	141,800	8,500	923,200
1973	1,379,400	1,236,300	142,700	400	949,200
1974	1,262,300	1,137,600	124,600	100	918,500
1975	1,018,400	937,200	80,600	600	693,400
1976	1,177,900	1,089,800	88,000	100	880,200
1977	1,165,200	1,077,500	87,700	-	916,200
1978	1,123,900	1,031,800	92,100	-	912,800
1979	1,105,500	1,009,700	95,800	-	912,500
PACIFIC COAST					
1965	572,600	402,800	26,200	143,600	571,100
1966	582,000	424,500	25,000	132,500	583,600
1967	583,600	392,600	26,300	164,700	519,600
1968	626,800	442,000	20,600	164,200	602,600
1969	624,800	435,800	19,700	169,300	664,300
1970	626,200	405,400	25,500	195,300	554,000
1971	563,700	391,900	25,400	146,400	591,000
1972	614,700	441,300	23,600	149,800	759,600
1973	646,600	471,600	23,600	151,400	736,900
1974	615,000	440,800	19,900	154,300	655,100
1975	568,300	377,200	17,800	173,300	503,300
1976	614,500	433,300	22,800	158,400	657,300
1977	601,400	417,100	15,700	168,600	736,800
1978	576,500	413,100	23,400	140,000	759,000
1979	548,800	396,200	20,200	132,400	814,800

Note: Exports are included in "All Other"
Note: Detail does not necessarily add to totals due to rounding

TABLE VII

PAPERBOARD PRODUCTION

BY GRADE AND TYPE 1968 - 1979

TONS

YEAR	CONTAINERBOARD- DOMESTIC				BOXBOARD - DOMESTIC		
	Total	Linerboard	Corrugating Material	Container Chip & Filler Board	Total	Folding	Set-Up
Total Paperboard							
1968	13,388,400	9,043,700	4,061,900	282,800	6,334,000	4,218,300	519,500
1969	14,396,500	9,692,500	4,395,400	308,600	6,424,800	4,261,600	498,600
1970	13,964,300	9,403,100	4,264,000	297,200	6,238,700	4,079,700	466,500
1971	14,353,000	9,530,800	4,519,700	302,500	6,233,600	4,139,400	447,900
1972	16,018,900	10,856,500	4,846,500	315,900	6,551,000	4,439,800	455,100
1973	16,928,100	11,355,900	5,255,000	317,100	6,764,300	4,704,500	465,300
1974	16,767,000	11,305,400	5,179,200	282,300	6,399,000	4,426,500	403,600
1975	14,586,200	9,854,200	4,449,300	282,600	5,663,800	3,896,400	304,500
1976	16,700,200	11,375,900	5,061,500	262,900	6,564,700	4,714,600	331,500
1977	17,167,300	11,695,700	5,207,900	263,700	6,332,200	4,546,700	302,500
1978	17,908,200	12,133,700	5,503,100	271,500	6,504,500	4,705,500	332,700
1979	18,824,800	12,819,600	5,775,900	229,300	6,474,600	4,724,700	306,000
Unbleached Kraft							
1968	8,535,500	8,511,400	7,400	16,700	261,000	261,000	-
1969	9,242,100	9,210,700	8,100	23,300	287,200	287,200	-
1970	9,043,900	9,014,600	3,800	25,500	343,400	343,400	-
1971	9,155,300	9,124,700	1,100	29,500	339,600	339,600	-
1972	10,469,900	10,447,800	-	22,100	389,700	389,700	-
1973	10,951,600	10,939,100	2,300	10,200	454,800	454,800	-
1974	10,754,200	10,739,000	3,800	11,500	469,700	469,700	-
1975	9,586,000	9,565,200	8,700	12,100	463,000	463,000	-
1976	11,023,900	10,993,700	20,200	10,100	577,500	577,500	-
1977	11,283,000	11,269,400	-	13,600	588,000	588,000	-
1978	11,779,700	11,761,600	-	18,100	617,600	617,600	-
1979	12,306,400	12,306,400	-	-	698,400	698,400	-
Semichemical							
1968	3,366,600		3,363,800	2,800	-	-	-
1969	3,611,100	-	3,608,900	2,200	-	-	-
1970	3,400,900	-	3,400,900	-	-	-	-
1971	3,579,100	-	3,579,100	-	-	-	-
1972	3,874,200	-	3,874,200	-	-	-	-
1973	4,124,300	-	4,124,300	-	-	-	-
1974	4,006,500	-	4,006,500	-	-	-	-
1975	3,570,600	-	3,570,600	-	-	-	-
1976	3,966,300	-	3,966,300	-	-	-	-
1977	4,128,200	-	4,128,200	-	-	-	-
1978	4,305,300	-	4,305,300	-	-	-	-
1979	4,573,600	-	4,573,600	-	-	-	-
Solid Bleached							
1968	125,000	125,000	-	-	2,773,900	1,226,900	-
1969	134,700	134,700	-	-	2,970,300	1,345,900	-
1970	118,800	118,800	-	-	2,912,300	1,263,300	-
1971	124,400	124,400	-	-	2,996,400	1,392,100	-
1972	129,800	129,800	-	-	3,196,300	1,572,800	-
1973	127,700	127,700	-	-	3,322,600	1,728,200	-
1974	99,400	99,400	-	-	3,244,600	1,675,900	-
1975	81,800	81,800	-	-	2,917,700	1,455,600	-
1976	99,500	99,500	-	-	3,315,700	1,797,200	-
1977	85,000	85,000	-	-	3,074,500	1,591,500	-
1978	115,700	115,700	-	-	3,232,800	1,766,500	-
1979	110,900	110,900	-	-	3,161,600	1,717,800	-
Recycled							
1968	1,361,300	407,300	690,700	263,300	3,299,100	2,730,400	519,500
1969	1,408,600	347,100	778,400	283,100	3,167,300	2,628,500	498,600
1970	1,400,700	269,700	859,300	271,800	2,983,000	2,473,000	466,500
1971	1,494,100	281,700	939,500	272,900	2,897,700	2,407,700	447,900
1972	1,545,000	278,900	972,300	293,800	2,964,900	2,477,200	455,100
1973	1,724,500	289,100	1,128,500	306,900	2,987,000	2,521,600	465,300
1974	1,906,800	467,100	1,169,000	270,800	2,684,800	2,280,900	403,600
1975	1,347,700	207,300	870,000	270,400	2,283,200	1,977,900	304,500
1976	1,610,500	282,700	1,075,100	252,800	2,671,600	2,340,000	331,500
1977	1,671,100	341,400	1,079,700	250,100	2,669,700	2,367,200	302,500
1978	1,707,600	256,400	1,197,800	253,400	2,654,100	2,321,400	332,700
1979	1,833,900	402,300	1,202,300	229,300	2,614,500	2,308,500	306,000

Note: Details do not necessarily add to total due to rounding

- Represents zero

TABLE VII (Cont.)

PAPERBOARD PRODUCTION

BY GRADE AND TYPE 1968 - 1979

TONS

YEAR	BOXBOARD (Con) Milk Carton & Food Service	ALL OTHER (exc. Exports) TOTAL	Gypsum Wallboard Facings	Tube, Can and Drum	Balance of All Other	EXPORTS	TOTAL ALL GRADES
Total Paperboard							
1968	1,596,200	3,585,200	784,000	779,900	2,021,300	1,596,000	20,903,600
1969	1,664,600	3,699,400	822,600	860,500	2,011,300	1,860,100	20,374,700
1970	1,692,500	3,280,700	775,700	887,300	1,617,700	1,499,800	25,383,000
1971	1,646,300	3,335,000	935,700	925,700	1,473,500	2,115,900	26,037,100
1972	1,656,100	3,701,100	1,016,600	1,065,500	1,619,000	2,231,400	28,402,300
1973	1,594,900	3,864,000	1,050,300	1,145,400	1,668,200	2,015,200	29,571,400
1974	1,568,900	3,599,900	889,200	1,126,500	1,586,800	2,149,500	28,314,900
1975	1,462,900	3,052,200	893,800	907,500	1,250,900	1,453,500	24,755,700
1976	1,518,600	3,465,300	984,500	1,016,500	1,464,300	1,709,200	28,439,500
1977	1,483,100	3,623,100	1,056,800	1,075,900	1,490,400	1,880,500	28,053,100
1978	1,466,300	3,825,500	1,094,000	1,163,000	1,568,500	2,016,700	30,274,900
1979	1,443,900	3,873,000	1,179,900	1,177,200	1,515,900	2,256,600	31,628,500
Unbleached Kraft							
1968	-	580,600	-	175,400	809,200	1,380,700	10,761,800
1969	-	604,200	-	187,300	716,900	1,682,800	11,816,300
1970	-	470,400	-	175,400	295,000	1,683,400	11,541,100
1971	-	470,900	-	194,500	276,400	1,854,500	11,800,100
1972	-	521,500	-	223,200	298,300	1,887,500	13,268,700
1973	-	559,300	-	226,200	333,100	1,596,700	13,562,200
1974	-	526,300	-	231,000	295,200	1,582,700	13,332,900
1975	-	435,900	-	175,900	260,000	1,038,800	11,162,800
1976	-	483,500	-	217,500	265,900	1,247,500	13,542,200
1977	-	490,300	-	227,800	262,500	1,289,600	13,660,800
1978	-	508,900	-	250,600	258,300	1,566,300	14,572,500
1979	-	500,800	-	267,000	233,800	1,669,300	15,241,000
Semichemical							
1968	-	14,400	-	12,300	2,100	99,000	3,873,000
1969	-	33,000	-	14,500	18,500	92,400	3,996,300
1970	-	33,200	-	23,700	9,500	80,800	3,918,400
1971	-	16,900	-	14,100	2,800	104,000	3,700,300
1972	-	23,600	-	17,700	5,800	111,700	3,977,600
1973	-	28,600	-	18,300	10,300	87,400	3,865,500
1974	-	23,300	-	17,400	5,900	105,500	3,817,400
1975	-	19,900	-	14,000	5,900	115,400	3,901,800
1976	-	19,300	-	18,100	1,200	113,400	4,110,200
1977	-	14,300	-	14,300	-	121,800	4,220,000
1978	-	14,800	-	14,600	200	139,200	4,453,700
1979	-	17,400	-	10,800	6,600	98,200	4,669,100
Solid Bleached							
1968	1,547,000	316,400	-	7,800	308,600	108,400	5,424,000
1969	1,624,400	327,700	-	8,300	319,400	108,100	5,340,800
1970	1,649,000	197,400	-	-	197,400	124,600	5,492,900
1971	1,604,300	104,000	-	-	104,000	156,500	5,381,300
1972	1,623,500	142,500	-	-	142,500	227,900	5,880,400
1973	1,594,400	133,500	-	-	133,500	280,300	5,894,000
1974	1,568,700	108,900	-	-	108,900	425,200	5,774,100
1975	1,462,100	87,500	-	-	87,500	256,200	5,343,300
1976	1,518,500	122,900	-	-	122,900	300,100	6,004,100
1977	1,483,100	172,400	-	-	172,400	389,400	6,721,400
1978	1,466,300	200,500	-	-	200,500	429,600	7,078,600
1979	1,443,900	234,300	-	-	234,300	491,300	7,996,100
Recycled							
1968	49,200	2,669,800	784,000	584,400	1,301,400	12,800	7,345,000
1969	40,200	2,729,500	822,600	651,400	1,255,500	18,800	7,322,300
1970	43,500	2,579,600	775,700	688,200	1,115,800	17,300	6,980,500
1971	42,100	2,743,100	935,700	717,100	1,090,300	20,600	7,155,800
1972	32,600	3,013,400	1,016,600	824,600	1,172,200	19,400	7,537,800
1973	100	3,142,300	1,050,300	900,900	1,191,300	36,800	7,884,600
1974	200	2,941,000	984,200	880,100	1,076,700	101,000	7,633,500
1975	800	2,512,900	893,800	717,600	901,500	23,900	6,167,700
1976	100	2,839,600	984,500	780,900	1,074,200	36,500	7,158,100
1977	-	2,946,100	1,056,800	833,700	1,055,500	29,600	7,326,500
1978	-	3,101,400	1,094,000	897,900	1,109,500	21,600	7,484,500
1979	-	3,120,500	1,179,900	899,400	1,041,220	21,800	7,590,700

Note: Details do not necessarily add to total due to rounding

- Represents zero

TABLE VIII

PAPERBOARD PRODUCTION

BY MONTHS

1979

TONS

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
Containerboard	1,514,400	1,433,900	1,624,100	1,567,600	1,615,000	1,596,600
Linerboard	1,033,000	980,900	1,091,600	1,062,400	1,093,300	1,083,400
Kraft	1,008,100	955,000	1,060,000	1,036,600	1,055,700	1,061,100
Other	24,900	25,900	31,600	25,800	37,600	22,300
Coerugating	462,000	430,100	511,900	485,600	500,000	491,700
Semichemical	358,800	341,100	408,000	386,700	407,000	391,700
Other	103,200	93,000	103,900	98,900	93,000	100,000
Container Chip	19,400	18,900	21,600	19,600	21,700	21,500
Boxboard - Domestic	494,000	478,900	518,500	503,400	514,900	480,500
Folding	345,200	327,400	360,700	342,800	357,500	338,900
Set-Up	29,000	29,000	27,100	27,300	29,100	24,100
Milk Carton	119,800	122,500	130,700	133,300	128,300	117,500
All Other	568,900	517,100	625,000	584,700	607,400	583,400
Domestic	403,900	356,300	422,600	401,600	410,800	389,900
Export	165,000	160,800	202,400	183,100	196,600	193,500
TOTAL PAPERBOARD	2,577,300	2,430,000	2,768,400	2,655,600	2,737,400	2,660,600

Note: Totals do not add due to rounding.
For this table unbleached kraft folding has been included in the "all other" domestic data.

TABLE IX

BOX PLANT CONSUMPTION

BY MONTHS

1979

Linerboard and Corrugating Material	1,529,800	1,407,300	1,608,900	1,526,900	1,544,500	1,503,100
Total Containerboard	1,534,700	1,411,100	1,614,500	1,532,300	1,549,800	1,507,300

SOURCE: Consumption - Fibre Box Association

TABLE VIII(Cont.)

PAPERBOARD PRODUCTION

BY MONTHS

1979

TONS

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Containerboard	1,535,200	1,659,300	1,547,200	1,691,400	1,602,600	1,436,800	18,824,800
Linerboard	1,046,300	1,135,100	1,052,400	1,164,500	1,105,600	971,100	12,819,600
Kraft	1,008,500	1,096,100	1,014,100	1,129,400	1,057,600	935,100	12,417,300
Other	37,800	39,000	39,300	35,100	48,000	36,000	402,300
Corrugating	469,100	504,400	477,900	509,200	479,300	450,900	5,775,900
Semichemical	379,000	392,100	379,100	398,800	381,000	350,300	4,573,600
Other	90,100	112,300	98,800	110,400	98,300	100,600	1,202,300
Container Chip	19,800	19,800	16,900	17,700	17,700	14,800	229,300
Boxboard - Domestic	444,200	488,600	462,100	509,100	465,300	416,300	5,776,200
Folding	314,900	342,900	323,700	359,000	328,100	285,100	4,026,300
Set-Up	20,000	25,900	25,300	26,900	22,600	19,500	306,000
Milk Carton	109,300	119,800	113,100	123,200	114,600	111,700	1,443,900
All Other	533,100	582,700	551,200	598,800	597,000	478,600	6,828,100
Domestic	348,100	381,000	364,000	399,000	380,900	313,200	4,571,500
Export	185,000	201,700	187,200	199,800	216,100	165,400	2,256,600
TOTAL PAPERBOARD	2,512,500	2,730,400	2,560,600	2,799,300	2,665,100	2,331,700	31,428,900

Note: Totals do not add due to rounding.
For this table unbleached kraft folding has been included in the "all other" domestic data.

TABLE IX (Cont.)

BOX PLANT CONSUMPTION

BY MONTHS

1979

Linerboard and Corrugating Material	1,450,600	1,561,400	1,443,000	1,746,500	1,475,300	1,313,300	18,110,500
Total Containerboard	1,454,600	1,565,300	1,446,000	1,749,900	1,478,000	1,316,100	18,159,700

SOURCE: Consumption - Fibre Box Association

TABLE X

PAPER AND PAPERBOARD

PRODUCTION, NEW SUPPLY AND NEW SUPPLY/REAL G.N.P.

000 Short Tons	1959	1960	1961	1962	1963	1964
Production - Total	33,748	33,904	35,178	37,062	38,647	40,962
Total Paper	15,025	15,295	15,821	16,560	17,320	18,112
Total Paperboard	15,972	15,926	16,727	17,847	18,594	19,954
Unbleached Kraft E	5,214	5,342	5,814	6,316	6,750	7,600
Semi-Chemical E	1,774	1,791	2,017	2,198	2,304	2,481
Bleached Kraft E *	2,000	2,039	2,218	2,429	2,539	2,666
Recycled E	6,984	6,754	6,678	6,905	7,001	7,207
Wet Machine Board	145	175	155	146	141	148
Building Paper	1,435	1,410	1,391	1,429	1,453	1,533
Insulating Board	1,171	1,098	1,084	1,080	1,139	1,215
New Supply						
Total Paper	20,109	20,481	21,015	21,854	22,497	23,801
Newsprint	7,107	7,313	7,375	7,523	7,513	8,097
Printing/Writing Papers	6,870	7,084	7,338	7,782	8,160	8,663
Uncoated Grounded	930	959	933	943	973	1,055
Coated	1,966	2,096	2,137	2,267	2,398	2,571
Uncoated Free Sheet	3,062	3,084	3,245	3,439	3,632	3,830
Thin and Cotton Fiber	244	251	262	290	287	301
Bleached Bristols	668	694	761	843	870	906
Packaging and Ind. Conv.	4,016	3,893	3,997	4,143	4,258	4,316
Unbleached Kraft	2,796	2,730	2,767	2,889	3,024	3,038
Other	1,220	1,163	1,230	1,254	1,234	1,278
Tissue	2,116	2,191	2,305	2,406	2,566	2,725
Total Paperboard	13,604	15,475	16,201	17,312	17,941	18,976
Unbleached Kraft	4,902	4,970	5,417	5,890	6,254	6,843
Semi-Chemical	1,753	1,760	1,955	2,154	2,221	2,374
Bleached Board	1,983	2,016	2,186	2,396	2,500	2,621
Recycled	6,966	6,729	6,643	6,872	6,966	7,138
Construction and Other	2,738	2,675	2,610	2,644	2,733	2,917
Total All Grades	38,451	38,631	39,826	41,810	43,171	45,694
Paper and Products	20,072	20,441	20,953	21,794	22,438	23,689
Paperboard and Products	15,534	15,401	16,083	17,178	17,810	18,871
Total including Products	38,344	38,517	39,646	41,616	42,981	45,477
Real G.N.P. - Bil.$, 1972 Prices	720.4	736.8	755.3	799.1	830.7	874.4
Ratio to Real G.N.P.						
Total Paper	27.914	27.797	27.822	27.348	27.080	27.219
Newsprint	9.865	9.925	9.764	9.414	9.044	9.260
Printing/Writing Papers	9.536	9.616	9.715	9.739	9.822	9.907
Uncoated Groundwood	1.291	1.302	1.235	1.180	1.171	1.207
Coated	2.729	2.845	2.829	2.837	2.887	2.940
Uncoated Free Sheet	4.250	4.186	4.296	4.304	4.372	4.380
Thin and Cotton Fiber	.339	.341	.347	.363	.345	.344
Bleached Bristols	.927	.942	1.008	1.055	1.047	1.036
Packaging and Ind. Conv.	5.574	5.283	5.291	5.184	5.125	4.936
Unbleached Kraft	3.881	3.705	3.663	3.615	3.640	3.474
Other	1.693	1.578	1.628	1.569	1.485	1.462
Tissue	2.937	2.974	3.052	3.011	3.089	3.116
Total Paperboard	21.660	21.003	21.449	21.665	21.599	21.701
Unbleached Kraft	6.805	6.745	7.172	7.371	7.529	7.826
Semi-Chemical	2.433	2.389	2.588	2.696	2.674	2.715
Bleached Board	2.753	2.736	2.894	2.998	3.010	2.997
Recycled	9.670	9.133	8.795	8.600	8.386	8.163
Construction and Other	3.801	3.630	3.456	3.309	3.290	3.336
Total All Grades	53.375	52.430	52.727	52.322	51.969	52.256
Paper and Products	27.862	27.743	27.741	27.273	27.011	27.092
Paperboard and Products	21.563	20.903	21.294	21.497	21.440	21.582
Total including Products	53.226	52.276	52.490	52.079	51.741	52.010

E - Estimate

* - About 5% of this total is bleached bristols that may also be included in total paper.

NOTE: The new supply data in this table are based upon the shipments data shown in Table 1 and the import-export data as reported by the Bureau of the Census and published in the current and earlier issues of the Statistics of Paper and Paperboard.

TABLE X (Cont.)

PAPER AND PAPERBOARD

PRODUCTION, NEW SUPPLY AND NEW SUPPLY/REAL G.N.P.

000 Short Tons	1965	1966	1967	1968	1969
Production - Total	43,455	46,702	46,568	50,172	52,956
Total Paper	19,137	20,725	20,926	22,206	23,477
Total Paperboard	21,332	23,179	22,819	24,904	26,476
Unbleached Kraft	8,301E	9,303E	9,485E	10,762	11,816
Semi-Chemical	2,681E	2,989E	3,057E	3,475	3,697
Bleached Kraft *	2,818E	3,053E	3,060E	3,324	3,341
Recycled	7,532E	7,853E	7,217E	7,343	7,922
Wet Machine Board	144	148	144	155	148
Building Paper	1,574	1,495	1,503	1,574	1,603
Insulating Board	1,248R	1,155	1,176	1,333	1,552
New Supply					
Total Paper	25,173	27,433	27,285	28,400	30,085
Newsprint	8,983	9,475	9,218	9,378	10,025
Printing/Writing Papers	9,351	10,365	10,210	10,584	11,298
Uncoated Groundwood	1,070	1,217	1,104	1,219	1,293
Coated	2,765	3,059	3,059	3,081	3,278
Uncoated Free Sheet	4,202	4,679	4,586	4,829	5,230
Thin and Cotton Fiber	314	351	345	351	371
Bleached Bristols	1,000	1,079	1,076	1,104	1,124
Packaging and Ind. Conv.	4,473	4,610	4,665	5,003	5,173
Unbleached Kraft	3,150	3,269	3,233	3,496	3,602
Other	1,323	1,341	1,412	1,509	1,571
Tissue	2,866	3,083	3,212	3,435	3,591
Total Paperboard	20,301	22,063	21,498	23,325	24,526
Unbleached Kraft	7,401	8,332	8,317	9,388	10,135
Semi-Chemical	2,626	2,965	2,981	3,381	3,595
Bleached Board	2,771	2,994	2,999	3,216	3,432
Recycled	7,503	7,832	7,201	7,340	7,314
Construction and Other	2,972	2,789	2,825	3,073	3,105
Total All Grades	48,446	52,285	51,608	54,799	57,744
Paper and Products	25,130	27,386	27,238	28,341	30,089
Paperboard and Products	20,168	21,960	21,569	22,975	24,418
Total Including Products	48,270	52,115	51,432	54,389	57,303
Real G.N.P. - Bil.$, 1972 Prices	925.9	981.0	1007.7	1051.8	1075.9
Ratio to Real GNP					
Total Paper	27.187	27.966	27.074	26.992	27.965
Newsprint	9.162	9.657	9.148	8.916	9.293
Printing/Writing Papers	10.099	10.567	10.130	10.061	10.471
Uncoated Groundwood	1.156	1.240	1.155	1.159	1.199
Coated	2.986	3.098	3.035	2.929	3.039
Uncoated Free Sheet	4.538	4.770	4.551	4.591	4.848
Thin and Cotton Fiber	.339	.358	.342	.333	.344
Bleached Bristols	1.080	1.100	1.067	1.049	1.041
Packaging and Ind. Conv.	4.831	4.699	4.609	4.757	4.795
Unbleached Kraft	3.402	3.332	3.208	3.322	3.339
Other	1.429	1.367	1.401	1.436	1.456
Tissue	3.095	3.143	3.187	3.264	3.329
Total Paperboard	21.925	22.490	21.333	22.177	22.755
Unbleached Kraft	7.993	8.493	8.253	8.926	9.395
Semi-Chemical	2.836	2.961	2.958	3.214	3.379
Bleached Board	2.993	3.052	2.976	3.058	3.181
Recycled	8.103	7.984	7.146	6.979	6.780
Construction and Other	3.210	2.843	2.803	2.922	2.876
Total All Grades	52.322	53.299	51.210	52.098	53.501
Paper and Products	27.141	27.910	27.030	26.945	27.849
Paperboard and Products	21.782	22.385	21.206	21.804	22.538
Total Including Products	52.133	53.124	51.039	51.710	53.265

TABLE X (Cont.)

PAPER AND PAPERBOARD

PRODUCTION, NEW SUPPLY AND NEW SUPPLY/REAL G.N.P.

000 Short Tons	1970	1971	1972	1973	1974
Production - Total	51,710	53,203	57,477	59,936	59,108
Total Paper	23,375	23,745	25,383	26,811	26,909
Total Paperboard	25,383	26,037	28,502	29,571	28,915
Unbleached Kraft	11,541	11,800	13,268	13,563	13,333
Semi-Chemical	3,518	3,700	4,010	4,260	4,175
Bleached Kraft	3,343	3,381	3,686	3,864	3,773
Recycled	6,981	7,156	7,538	7,885	7,634
Wet Machine Board	139	138	148	149	144
Building Paper	1,594	1,837	1,915	1,858	1,845
Insulating Board	1,219	1,446	1,529	1,547	1,295
New Supply					
Total Paper	28,857	30,463	32,342	34,141	33,878
Newsprint	9,955	10,191	10,610	11,051	10,771
Printing/Writing Papers	11,099	11,292	12,316	13,474	13,465
Uncoated Groundwood	1,312	1,240	1,257	1,280	1,256
Coated	3,204	3,161	3,451	3,744	3,723
Uncoated Free Sheet	5,159	5,476	6,058	6,806	6,883
Thin and Cotton Fiber	353	338	390	410	401
Bleached Bristols	1,071	1,077	1,160	1,234	1,202
Packaging and Ind. Conv.	5,105	5,163	5,459	5,600	5,580
Unbleached Kraft	3,582	3,598	3,791	3,916	3,997
Other	1,523	1,565	1,668	1,684	1,583
Tissue	3,698	3,817	3,957	4,016	4,062
Total Paperboard	23,495	23,938	26,279	27,590	26,799
Unbleached Kraft	9,858	9,976	11,381	11,972	11,760
Semi-Chemical	3,434	3,596	3,898	4,153	4,029
Bleached Board	3,229	3,224	3,468	3,584	3,453
Recycled	6,974	7,142	7,532	7,881	7,557
Construction and Other	2,972	3,407	3,650	3,604	3,301
Total All Grades	56,324	57,868	62,271	65,335	63,978
Paper and Products	29,804	30,412	32,290	34,073	33,786
Paperboard and Products	23,232	23,613	26,142	27,362	26,288
Total Including Products	56,008	57,492	62,082	65,039	63,375
Real G.N.P.-Bil.$,1972 Prices	1075.3	1107.5	1171.1	1235.0	1217.8
Ratio to Real G.N.P.					
Total Paper	27.766	27.506	27.615	27.644	27.819
Newsprint	9.258	9.202	9.055	8.948	8.845
Printing/Writing Papers	10.322	10.195	10.520	10.909	11.056
Uncoated Groundwood	1.220	1.120	1.073	1.036	1.031
Coated	2.980	2.854	2.945	3.032	3.057
Uncoated Free Sheet	4.798	4.944	5.179	5.510	5.652
Thin and Cotton Fiber	.328	.305	.333	.332	.329
Bleached Bristols	.996	972	.990	.999	.987
Packaging and Ind. Conv.	4.747	4.662	4.661	4.535	4.582
Unbleached Kraft	3.331	3.249	3.237	3.171	3.282
Other	1.416	1.413	1.424	1.364	1.300
Tissue	3.439	3.447	3.379	3.252	3.336
Total Paperboard	21.850	21.615	21.440	22.340	22.006
Unbleached Kraft	9.168	9.008	9.718	9.694	9.657
Semi-Chemical	3.193	3.247	3.329	3.363	3.308
Bleached Board	3.003	2.911	2.961	2.902	2.835
Recycled	6.486	6.449	6.432	6.381	6.206
Construction and Other	2.764	3.130	3.117	2.918	2.711
Total All Grades	52.380	52.251	53.173	52.903	52.536
Paper and Products	27.716	27.460	27.573	27.589	27.743
Paperboard and Products	21.605	21.321	22.323	22.155	21.586
Total Including Products	52.085	51.911	53.012	52.662	52.041

NOTE: The new supply data in this table are based upon the shipments data shown in Table 1 and the import-export data as reported by the Bureau of the Census and published in the current and earlier issues of the Statistics of Paper and Paperboard.

TABLE X (Cont.)

PAPER AND PAPERBOARD

PRODUCTION, NEW SUPPLY AND NEW SUPPLY/REAL G.N.P.

000 Short Tons	1975	1976	1977	1978	1979
Production - Total	51,043	58,385	60,069	62,109	64,556
Total Paper	23,308	26,610	27,732	28,367	29,661
Total Paperboard	24,756	28,440	28,953	30,275	31,429
Unbleached Kraft	11,543	13,332	13,651	14,372	15,151
Semi-Chemical	3,343	3,844	3,721	3,979	3,998
Bleached Kraft	3,702	4,105	4,264	4,439	4,689
Recycled	6,168	7,158	7,317	7,485	7,591
Wet Machine Board	115	130	129	136	144
Building Paper	1,615	1,771	1,852	1,915	1,900
Insulating Board	1,249	1,434	1,403	1,416	1,422
New Supply					
Total Paper	28,481	32,646	34,197	36,418	37,621
Newsprint	9,373	10,178	10,301	11,170	11,214
Printing/Writing Papers	10,823	13,164	14,100	15,287	16,273
Uncoated Groundwood	1,140	1,392	1,484	1,818	2,234
Coated	3,071	3,874	4,274	4,593	4,643
Uncoated Free Sheet	5,347	6,511	6,906	7,350	7,913
Thin and Cotton Fiber	334	363	384	434	473
Bleached Bristols	931	1,024	1,052	1,092	1,010
Packaging and Ind. Conv.	4,337	5,138	5,527	5,755	5,639
Unbleached Kraft	3,118	3,638	3,725	3,904	3,937
Other	1,219	1,500	1,802	1,851	1,702
Tissue	3,948	4,166	4,269	4,206	4,495
Total Paperboard	23,311	26,744	27,150	28,339	29,255
Unbleached Kraft	10,485	12,089	12,376	12,938	13,532
Semi-Chemical	3,587	3,986	4,142	4,368	4,524
Bleached Board	3,087	3,538	3,332	3,550	3,507
Recycled	6,152	7,131	7,300	7,483	7,592
Construction and Other	3,001	3,367	3,404	3,729	3,789
Total All Grades	54,793	62,757	64,811	68,486	70,665
Paper and Products	28,367	32,540	34,110	36,224	37,378
Paperboard and Products	22,811	26,163	26,696	27,897	28,840
Total Including Products	54,179	62,070	64,270	67,850	70,006
Real G.N.P.- Bil.S. 1972 Prices	1202.3	1273.0	1340.5	1399.2	1431.6
Ratio to Real G.N.P.					
Total Paper	23.688	25.643	25.511	26.026	26.278
Newsprint	7.796	7.995	7.684	7.983	7.833
Printing/Writing Papers	9.001	10.340	10.518	10.924	11.366
Uncoated Groundwood	.948	1.093	1.107	1.299	1.560
Coated	2.554	3.043	3.188	3.279	3.243
Uncoated Free Sheet	4.447	5.115	5.152	5.253	5.527
Thin and Cotton Fiber	.278	.285	.286	.313	.330
Bleached Bristols	.774	.804	.785	.786	.706
Packaging and Ind.Conv.	3.607	4.036	4.123	4.113	3.939
Unbleached Kraft	2.593	2.858	2.779	2.790	2.750
Other	1.014	1.178	1.344	1.323	1.189
Tissue	3.284	3.273	3.185	3.006	3.140
Total Paperboard	19.389	21.008	20.254	20.254	20.435
Unbleached Kraft	8.721	9.496	9.232	9.247	9.452
Semi-Chemical	2.983	3.131	3.090	3.122	3.230
Bleached Board	2.568	2.779	2.486	2.537	2.450
Recycled	5.117	5.602	5.446	5.348	5.303
Construction and Other	2.496	2.645	2.584	2.665	2.647
Total All Grades	45.573	49.296	48.348	48.947	49.360
Paper and Products	23.594	25.562	25.446	25.889	26.109
Paperboard and Products	18.973	20.552	19.915	19.938	20.145
Total Including Products	45.063	48.759	47.945	48.492	48.901

TABLE XI

UNITED STATES CAPACITY TO PRODUCE PAPER AND BOARD

Year - End Data, 1966 - 1973

(Thousands of Tons)

PAPER

	1966	1967	1968	1969	1970	1971	1972	1973
TOTAL PAPER AND BOARD	50,210	52,718	54,913	57,035	57,355	58,886	61,361	62,284
Total Paper	22,423	23,167	24,174	25,257	25,806	26,270	27,156	27,621
Newsprint	2,567	2,957	3,189	3,319	3,460	3,466	3,541	3,597
Total Printing, Writing & Related	10,731	11,209	11,646	12,224	12,219	12,575	13,267	13,659
Groundwood Uncoated	1,165	1,252	1,272	1,296	1,230	1,363	1,442	1,403
Coated Papers	3,329	3,452	3,539	3,732	3,700	3,778	3,987	4,045
Uncoated Free Sheet	4,917	5,091	5,365	5,681	5,702	5,780	6,198	6,541
Cotton Fiber	157	157	159	159	153	150	154	149
Thin	266	273	285	309	322	316	331	342
Solid Bleached Bristols	897	984	1,025	1,047	1,112	1,189	1,155	1,179
Total Packaging & Industrial Converting	5,703	5,514	5,651	5,840	5,940	5,963	6,028	6,060
Unbleached Kraft	3,811	3,858	3,959	4,006	4,070	4,031	4,083	4,138
Bleached Packaging & Industrial Converting	1,357	1,120	1,142	1,275	1,316	1,383	1,323	1,292
Special Industrial	575	536	550	559	554	549	622	629
Tissue	3,381	3,487	3,687	3,873	4,185	4,267	4,318	4,303

PAPERBOARD

Total Paperboard	24,185	25,682	26,973	27,837	27,619	28,576	30,147	30,543
Total Unbleached Kraft Packaging & Industrial Converting Paperboard	9,385	10,408	11,665	12,009	12,307	12,886	13,859	13,898
Linerboard	8,826	9,876	11,091	11,298	11,516	12,025	12,902	12,862
Folding	[560	532	574]	392	335	384	407	463
Other				319	457	477	550	573
Total Bleached Packaging Paperboard	3,029	3,268	3,379	3,557	3,472	3,569	3,788	3,928
Folding	[2,735	3,023	3,061]	1,500	1,406	1,455	1,583	1,749
Milk Carton & Food Service				1,689	1,739	1,842	1,937	1,899
Liner	103	110	103	150	130	143	134	141
Other	191	135	214	218	197	128	134	139
Semi-Chemical Paperboard	3,086	3,508	3,707	3,814	3,756	4,042	4,315	4,386
Total Recycled Paperboard	8,686	8,498	8,222	8,457	8,084	8,078	8,185	8,330
Linerboard	847	698	500	427	366	295	307	306
Corrugating Medium	996	974	818	932	1,019	1,045	1,096	1,178
Container Chip & Filler	352	316	313	324	312	312	382	349
Folding	3,086	3,188	3,036	3,029	2,805	2,735	2,607	2,664
Set-Up	606	708	577	576	557	502	518
Gypsum Wall Board Facing	837	841	878	1,035	1,013	1,031	1,082	1,093
Other	1,981	1,773	1,915	2,132	1,993	2,104	2,209	2,221

CONSTRUCTION PAPER AND BOARD AND WET MACHINE BOARD

Wet Machine Board	162	164	157	173	166	202	181	182
Construction Paper & Board	3,439	3,703	3,609	3,768	3,763	3,837	3,874	6,186
Construction Paper	1,665	1,995	1,911	1,965	2,042	2,063	2,062	2,102
Insulating Board	1,774	1,708	1,698	1,803	1,721	1,774	1,812	4,084
Hard Pressed Board	1,200	1,261	1,328	1,337	1,597	1,816	2,202	2,247

SOURCE: American Paper Institute, Paper, Paperboard and Wood Pulp Capacity Survey, various issues.

TABLE XI (Cont.)

UNITED STATES CAPACITY TO PRODUCE PAPER AND BOARD

Annual Data - 1974-1982

(Thousands of Tons)

PAPER

	1974	1975	1976	1977	1978R	1979F	1980F	1981F	1982F
TOTAL PAPER AND BOARD	63,779	64,369	65,673	66,459	67,419	68,877	71,009	73,159	75,031
Total Paper	28,532	28,822	29,210	29,831	30,460	31,149	32,488	33,691	34,573
Newsprint	3,722	3,848	4,014	4,069	4,104	4,109	4,505	5,119	5,433
Total Printing, Writing & Related	14,128	14,275	14,490	14,975	15,566	15,915	16,575	17,109	17,394
Groundwood Uncoated	1,280	1,329	1,309	1,367	1,453	1,537	1,537	1,532	1,555
Coated Papers-Total	4,075	4,065	4,202	4,397	4,546	4,741	5,017	5,366	5,511
Coated Groundwood	--	--	2,299	2,408	2,450	2,527	2,742	3,068	3,201
Coated Free Sheet	--	--	1,903	1,989	2,096	2,214	2,275	2,298	2,310
Uncoated Free Sheet	7,046	7,180	7,319	7,465	7,847	8,095	8,532	8,742	8,851
Cotton Fiber	142	139	142	133	131	129	129	129	129
Thin	351	367	358	402	395	394	383	365	368
Solid Bleached Bristols	1,235	1,194	1,165	1,213	1,194	1,020	977	976	981
Total Packaging & Industrial Converting	6,360	6,368	6,202	6,242	6,146	6,240	6,283	6,268	6,332
Unbleached Kraft	4,389	4,333	4,218	4,317	4,223	4,261	4,286	4,238	4,303
Bleached Packaging & Industrial Converting	1,291	1,194	1,128	1,069	1,041	1,051	1,052	1,071	1,079
Special Industrial	679	841	856	856	883	928	945	959	970
Tissue	4,322	4,432	4,500	4,545	4,644	4,885	5,085	5,195	5,395

PAPERBOARD

Total Paperboard	30,995	31,218	32,097	32,173	32,631	33,376	34,113	35,007	35,991
Total Unbleached Kraft Packaging & Industrial Converting Paperboard	13,905	14,157	14,568	14,793	15,054	15,402	15,881	16,458	17,029
Liner	12,901	13,138	13,448	13,586	13,864	14,087	14,480	15,066	15,618
Folding	479	484	595	645	650	792	821	808	807
Other	585	536	525	561	540	523	580	584	584
Total Bleached Packaging Paperboard	3,920	3,807	3,998	4,020	4,197	4,318	4,395	4,457	4,490
Folding	1,851	1,751	1,915	1,930	1,996	2,080	2,150	2,199	2,219
Milk Carton & Food Service	1,808	1,859	1,854	1,824	1,899	1,916	1,911	1,915	1,929
Liner	108	95	101	97	122	133	135	138	139
Other	113	102	128	170	179	189	199	205	207
Semi-Chemical Paperboard	4,430	4,536	4,758	4,661	4,739	4,851	4,879	4,965	5,269
Total Recycled Paperboard	8,680	8,717	8,774	8,699	8,642	8,765	8,958	9,127	9,205
Linerboard	430	364	361	392	361	358	367	380	413
Corrugating Medium	1,358	1,049	1,476	1,337	1,343	1,407	1,501	1,515	1,528
Container Chip & Filler	340	408	398	403	311	293	302	314	321
Folding	2,665	2,658	2,705	2,670	2,568	2,585	2,627	2,690	2,700
Set-Up	505	465	450	443	418	424	426	427	427
Gypsum Wall Board Facing	1,100	1,063	1,046	1,112	1,238	1,273	1,278	1,299	1,301
Other	2,278	2,310	2,337	2,337	2,403	2,247	2,459	2,501	2,515

CONSTRUCTION PAPER AND BOARD AND WET MACHINE BOARD

Wet Machine Board	188	217	216	180	145	128	128	128	128
Construction Paper & Board	4,063	4,011	4,149	4,276	4,182	4,225	4,280	4,333	4,338
Construction Paper	2,165	2,270	2,317	2,364	2,352	2,377	2,362	2,334	2,335
Insulating Board	1,898	1,741	1,832	1,912	1,830	1,848	1,918	1,999	2,003
Hard Pressed Board	2,334	2,460	2,511	2,536	N.A.	N.A.	N.A.	N.A.	N.A.

SOURCE: American Paper Institute, Paper, Paperboard and Wood Pulp Capacity Survey, various issues to December 1979
F - Forecast as reported in December 1979 Capacity Survey
R - Revised
N.A. - Not Available

TABLE XII

WOOD PULP CAPACITY

1968-1973

(Thousands of Tons)

	YEAR END DATA					ANNUAL DATA	
	1968	1969	1970	1971	1972	1972	1973
TOTAL ALL GRADES	43,106	43,935	44,896	45,873	48,028	46,760	48,459
Dissolving and Special Alpha	1,782	1,744	1,768	1,769	1,706	1,756	1,754
Sulphite, Paper Grades Total	2,548	2,484	2,403	2,356	2,378	2,353	2,378
Bleached	2,009	1,994	1,941	1,956	1,956	1,949	1,977
Unbleached	535	490	463	400	421	404	401
Sulphate Total	29,130	29,561	30,842	31,689	33,922*	32,765*	34,253*
Bleached Total	10,621	11,223	11,753	12,212	13,273*	12,885*	13,733
Hardwood	4,899	5,291	5,336	5,381	6,125*	5,674	6,608
Softwood	5,722	5,932	6,418	6,831	7,148	7,211	7,125
Semi-Bleached Total	1,714	1,853	2,246	2,201	2,189	2,178	2,045
Hardwood	222	249	489	416	422	419	328
Softwood	1,492	1,604	1,757	1,785	1,767	1,760	1,717
Unbleached	16,795	16,485	16,843	17,276	18,459*	17,702*	18,475*
Soda	192	196	193	319	-	-	-
Semi-Chemical Total	3,624	3,788	3,684	3,788	4,222	3,937	4,171
Bleached	389	326	432	149	369	204	344
Unbleached	3,235	3,462	3,253	3,638	3,853	3,732	3,827
Groundwood	4,478	4,717	4,638	4,592	4,475	4,593	4,532
Bleached	927	1,193	1,254	1,247	n.a.	n.a.	n.a.
Unbleached	3,551	3,524	3,383	3,345	n.a.	n.a.	n.a.
Defibrated and Exploded*	1,328	1,292	1,212	1,215	1,217	1,220	1,270
Screening	28	154	156	147	108	137	100
* Excludes defibrated and exploded wood pulp for hard pressed board as follows:	1,310	1,320	1,575	1,870	2,170	1,971	2,215

TABLE XII (Cont.)

WOOD PULP CAPACITY

ANNUAL DATA 1974 - 1982

(Thousands of Tons)

	1974	1975	1976	1977	1978R	1979F	1980	1981	1982
TOTAL ALL GRADES *	48,995	49,502	50,547	51,849	52,714	53,598	55,174	56,623	58,152
Dissolving and Special Alpha	1,829	1,671	1,571	1,608	1,573	1,530	1,538	1,537	1,537
Sulphite, Paper Grades Total	2,401	2,420	2,417	2,252	2,095	2,011	1,968	1,973	1,975
Bleached	2,014	1,993	1,972	1,812	1,675	1,610	1,569	1,573	1,577
Unbleached	387	427	445	440	420	401	399	400	398
Sulphate and Soda Total	34,511	34,991	35,874	36,922	37,903	38,782	39,889	40,759	41,726
Bleached - Total	14,522	14,764	15,042	15,822	18,171	18,709	19,518	19,986	20,536
Hardwood	7,105	7,201	7,208	7,310	7,729	8,198	8,362	8,417	8,489
Softwood	7,417	7,563	7,835	8,512	10,442	10,551	11,156	11,527	11,808
Semi-Bleached Total	1,530	1,469	1,539	1,547					
Hardwood	33	7	19	12	***	***	***	***	***
Softwood	1,506	1,462	1,520	1,536					
Unbleached	18,451	18,758	19,293	19,552	19,732	20,073	20,371	20,815	21,190
Soda	Included in Sulphate Pulp Totals								
Semi-Chemical Total	9,245	9,298	9,402	9,514	9,572	9,610	9,580	9,630	9,806
Bleached	330	330	345	345	339	336	300	300	300
Unbleached	8,903	8,912	9,057	9,169	9,234	9,280	9,264	9,270	9,506
Mechanical Total	8,230	8,515	8,704	8,902	8,507	8,585	7,122	7,608	7,991
For Paper and Board		4,247	4,416	4,502	4,580	4,663	5,175	5,708	6,026
Stone Groundwood }	4,572**	3,615	3,500	3,397	3,328	3,266	3,275	3,320	3,532
Refiner }		500	545	538	533	506	503	507	504
Thermo Mechanical	-	131	333	567	719	872	1,397	1,875	2,131
For Other Paper and Board		4,268	4,288	4,400	3,927	3,922	1,947	1,900	1,965
Stone and Refiner	**	523	537	525	529	526	508	575	580
Defibrated and Exploded *	1,358	1,520	1,251	1,416	1,397	1,414	1,399	1,485	1,385
Screening	97	86	78	71	65	71	76	76	76
* excludes defibrated and exploded wood pulp for hard pressed board	2,300	2,425	2,500	2,500	N.A.	N.A.	N.A.	N.A.	N.A.

** Same classification as "groundwood" in year-end data table

*** Included with bleached sulphate wood pulp

N.A. Not available

F Forecast as reported in December 1979 Capacity Survey

TABLE XIII

REGIONAL CAPACITY OF THE PAPER INDUSTRY

PULP, PAPER AND BOARD: NUMBER OF MILLS AND CAPACITY

(000 Tons)

	PAPER AND PAPERBOARD					WOOD PULP				
	1978		1979F	1980F	1981F	1978		1979F	1980F	1981F
	Number of Mills	Annual Capacity	Annual Capacity	Annual Capacity	Annual Capacity	Number of Mills	Annual Capacity	Annual Capacity	Annual Capacity	Annual Capacity
NORTHEAST	226	11,827	12,110	12,326	12,572	40	4,668	4,656	4,835	4,662
New England	99	5,462	5,581	5,730	5,942	19	3,215	3,220	3,210	3,245
Maine	19	3,229	3,275	3,384	3,557	14	2,742	2,751	2,741	2,774
New Hampshire	19	583	629	636	649	2				
Vermont	8	(D)	(D)	(D)	(D)	1				
Massachusetts	39	965	966	979	984	0	473	469	469	471
Rhode Island	1	(D)	(D)	(D)	(D)	1				
Connecticut	13	634	641	458	489	1				
Middle Atlantic	127	6,365	6,529	6,596	6,630	21	1,453	1,436	1,425	1,417
New York	58	2,360	2,416	2,457	2,479	10	592	568	572	578
New Jersey	29	1,543	1,585	1,566	1,539	4	105	105	90	76
Pennsylvania	40	2,482	2,528	2,573	2,612	8	756	763	763	763
NORTH CENTRAL	174	12,694	12,923	13,245	13,505	59	4,318	4,410	4,439	4,511
East North Central	155	10,892	11,090	11,392	11,646	45	3,337	3,442	3,554	3,600
Ohio	37	2,453	2,460	2,474	2,522	7	580	597	597	597
Indiana	14	709	729	738	747	1				
Illinois	23	1,198	1,195	1,198	1,198	7	266	258	258	258
Michigan	35	2,490	2,584	2,663	2,713	7	849	854	856	858
Wisconsin	46	4,042	4,162	4,317	4,466	23	1,642	1,733	1,842	1,887
West North Central	19	1,802	1,833	1,853	1,859	14	981	968	906	911
Minnesota	10	1,374	1,379	1,385	1,386	8	824	792	717	718
Iowa	3	(D)	(D)	(D)	(D)	2				
Missouri	5	201	221	231	232	3				
North Dakota	0	0	0	0	0	0	157	176	189	193
South Dakota	0	0	0	0	0	0				
Nebraska	0	0	0	0	0	0				
Kansas	1	(D)	(D)	(D)	(D)	1				
SOUTH	183	33,909	34,380	35,646	36,698	118	34,439	35,243	36,421	37,303
South Atlantic	86	16,148	16,354	16,887	17,322	51	16,046	16,690	17,048	17,414
Delaware	5	(D)	(D)	(D)	(D)	0	0	0	0	0
Maryland	5	581	601	613	613	2	(D)	(D)	(D)	(D)
Virginia	15	3,030	2,855	3,005	3,150	9	2,454	2,903	2,656	2,780
West Virginia	2	(D)	(D)	(D)	(D)	0	0	0	0	0
North Carolina	14	2,088	2,174	2,211	2,299	5	(D)	(D)	(D)	(D)
South Carolina	8	2,512	2,545	2,614	2,644	6	2,473	2,491	2,531	2,559
Georgia	25	5,046	5,201	5,507	5,644	19	5,458	5,498	5,603	5,739
Florida	12	2,768	2,793	2,809	2,837	10	3,553	3,593	3,610	3,620
East South Central	44	7,952	8,062	8,553	8,923	32	8,193	8,767	9,306	9,630
Kentucky	5	290	297	301	303	3	476	494	502	504
Tennessee	12	1,792	1,864	1,946	2,023	5	1,303	1,410	1,499	1,579
Alabama	17	4,325	4,362	4,677	4,891	17	4,591	5,038	5,480	5,707
Mississippi	10	1,545	1,539	1,629	1,706	7	1,823	1,825	1,825	1,840
West South Central	53	9,809	9,964	10,206	10,453	35	9,800	9,786	10,067	10,319
Arkansas	11	2,006	2,160	2,269	2,297	7	2,033	2,079	2,272	2,353
Louisiana	18	4,303	4,139	4,186	4,342	16	4,567	4,393	4,436	4,493
Oklahoma	8	1,047	1,159	1,223	1,243	3	814	818	818	818
Texas	16	2,453	2,506	2,528	2,571	9	2,386	2,496	2,541	2,655
WEST	77	9,265	9,471	9,804	10,395	44	9,360	9,298	9,668	10,094
Mountain	8	1,207	1,223	1,319	1,524	3	1,095	1,100	1,131	1,333
Montana	1	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)
Idaho	2	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)
Wyoming	0	0	0	0	0	0	0	0	0	0
Colorado	2	(D)	(D)	(D)	(D)	0	0	0	0	0
New Mexico	1	(D)	(D)	(D)	(D)	0	0	0	0	0
Arizona	2	(D)	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)
Utah	0	0	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0	0	0
Pacific, Hawaii and Alaska	69	8,058	8,248	8,485	8,871	41	8,265	8,198	8,537	8,761
Washington	17	2,946	2,996	3,122	3,320	17	4,082	4,053	4,310	4,429
Oregon	19	3,047	3,146	3,232	3,405	15	2,945	2,936	3,018	3,123
California	33	2,065	2,106	2,131	2,146	7				
Hawaii	0	0	0	0	0	0	1,178	1,209	1,209	1,209
Alaska	0	0	0	0	0	2				
TOTAL U.S.A.	660	67,695	68,884	71,021	73,170	261	52,725	53,607	55,183	56,630

F - Forecast
(D) - Data withheld to avoid disclosure of individual company data.
SOURCE: Data received for 1977-1981 Capacity Survey, Paper, Paperboard, Wood Pulp - December 1979
Note: Totals differ slightly from published data because of rounding.

TABLE XIV

PULP AND PAPER INDUSTRY ENVIRONMENTAL PROTECTION

CAPITAL EXPENDITURES THROUGH 1979 AND PLANNED THROUGH 1980

Million Dollars

YEAR	Water	Air	Solid Waste Disposable From Manufacturing	Total	Percent of Total Capital Expenditures
Through 1966	270	129	10	409	
1967	44	31(E)	1(E)	76	
1968	49	43(E)	1(E)	93	
1969	74	52(E)	2(E)	128	
1970	120	65(E)	2(E)	187	
1971	134	66	2.5	203	
1972	205	129	5	339	38
1973	179	162	10	351	34
1974	216	296	11	523	31
1975	286	341	18	645	30
1976	319	216	29	564	29
1977	278	148	17	443	19
1978	182	149	32	363	16
1979	178	158	23	359	12
Through 1979	2,534	1,985	164	4,683	
Planned 1980	137	218	48	403	

(E) Estimated Distribution

SOURCE: National Council of the Paper Industry for Air and Stream Improvement

TABLE XV

UNITED STATES

PULP, PAPER AND PAPERBOARD INDUSTRY

ESTIMATED FUEL AND ENERGY USE

SOURCES	UNITS	1972* Estimated Use	1972* Billion BTU'S	1972* % of Total+	1975* Estimated Use	1975* Billion BTU'S	1975* % of Total+	1976* Estimated Use	1976* Billion BTU'S	1976* % of Total+
Purchased Electricity	MMKWH	27,910.7	94,894.3	4.4	26,982.0	91,738.8	4.8	32,424.2	110,242.4	5.2
Purchased Steam	MM lbs.	20,491.3	23,541.0	1.1	13,625.0	16,350.0	0.9	15,197.6	18,237.0	0.9
Coal	M Tons	9,070.3	225,051.1	10.3	7,199.1	174,218.8	9.1	8,649.8	211,919.2	10.0
Residual Fuel Oil	M 42gal. BBL	74,159.0	466,455.8	21.4	69,790.0	439,677.0	23.0	76,853.8	484,178.7	23.0
Distillate Fuel Oil	M 42 gal. BBL	3,846.2	22,940.6	1.0	2,283.6	13,473.4	0.7	2,980.8	17,586.9	0.8
Liquid Propane Gas	M gal.	30,432.6	2,799.7	0.1	14,223.0	1,422.3	0.1	18,268.1	1,826.8	0.1
Natural Gas	MMCF	448,829.6	457,276.0	21.0	341,324.0	341,324.0	17.9	320,270.8	320,270.8	15.2
Other Purchased			1,753.0	0.1		1,020.3	Negl.		2,529.8	0.1
Energy Sold			(-13,766.7)			(-17,173.3)			(-18,670.2)	
Total Purchased Fossil Fuel and Energy			1,280,944.8	59.4		1,062,051.3	56.5		1,148,121.4	55.3
Hogged Fuel (50% Moisture Content)	M Tons	5,426.2	43,732.6	2.0	6,979.8	55,838.0	2.9	9,168.7	75,183.4	3.6
Bark (50% Moisture Content)	M Tons	10,804.2	99,012.8	4.5	9,149.6	83,261.6	4.4	10,534.6	94,811.3	4.5
Spent Liquor (solids)	M. Tons	57,666.7	729,309.9	33.5	54,483.6	675,597.0	35.4	60,923.2	755,447.4	35.8
Self-Generated Hydroelectric Power	MMKWH	2,753.8	9,365.6	0.4	2,689.6	9,144.7	0.5	2,827.2	9,612.4	0.5
Other Self-Generated Energy			3,123.0	0.2		6,063.0	0.3		6,238.6	0.3
Total Self-Generated and Waste Fuels			884,543.9	40.6		829,904.3	43.5		941,293.1	44.7
Total Energy			2,165,488.7	100.0		1,891,955.6	100.0		2,089,414.5	100.0
Purchased: Mil.BTU's/Ton**			19.1			18.2			17.3	
Total: Mil.BTU's/Ton**			32.4			32.4			31.3	

* Based on sample of 85.9% of total dried pulp, paper and paperboard production for 1972, 80% for 1975, 85% for 1976, 83% for 1977, 83% for 1978 and 90.6% for 1979.

** Based on sample data.

\+ Determined by using "Total Energy" + "Energy Sold" as denominator.

Negl. - Negligible

TABLE XV (Cont.)

UNITED STATES

PULP, PAPER AND PAPERBOARD INDUSTRY

ESTIMATED FUEL AND ENERGY USE

SOURCES	UNITS	1977* Estimated Use	1977* Billion BTU'S	1977* of Total+	1978* Estimated Use	1978* Billion BTU'S	1978* of Total+	1979* Estimated Use	1979* Billion BTU'S	1979* of Total+
Purchased Electricity	MMKWH	34,785.2	118,269.6	5.4	35,344.0	120,169.5	5.5	37,832.3	128,633.0	5.9
Purchased Steam	MM lbs.	16,928.7	20,314.4	0.9	16,102.0	19,322.5	0.9	14,229.8	16,462.1	0.7
Coal	M Tons	8,985.8	219,253.1	10.0	8,101.2	195,239.0	8.9	8,864.6	218,529.0	10.0
Residual Fuel Oil	M 42 gal. BBL	80,381.4	506,403.1	23.1	80,088.4	504,557.1	23.0	64,686.8	406,496.8	18.6
Distillate Fuel Oil	M 42 gal. BBL	2,918.3	17,509.9	0.8	2,692.5	15,616.7	0.7	1,885.5	11,245.9	0.5
Liquid Propane Gas	M gal.	17,255.8	1,725.6	0.1	13,241.4	1,324.1	0.1	17,417.9	1,628.7	0.1
Natural Gas	MMCF	311,871.8	311,871.8	14.2	307,208.9	307,208.9	14.0	375,298.3	385,464.0	17.6
Other Purchased Energy			2,104.3	0.1		2,812.4	0.1		5,660.2	0.2
Energy Sold			(-22,120.8)			(-22,701.9)			(-21,028.0)	
Total Purchased Fossil Fuel and Energy			1,175,391.0	54.6		1,143,348.3	53.2		1,153,091.7	53.6
Hogged Fuel (50% Moisture Content)	M Tons	10,374.2	86,100.0	3.9	11,680.7	95,831.3	4.4	12,329.8	100,554.4	4.6
Bark (50% Moisture Content)	M Tons	10,602.9	84,363.7	4.3	10,671.4	84,975.9	4.3	10,812.0	86,213.8	4.4
Spent Liquor (Solids)	M Tons	64,800.0	797,040.0	36.4	65,576.8	815,253.6	37.2	64,741.7	799,977.3	36.6
Self-Generated Hydroelectric Power	MMKWH	2,840.5	9,657.6	0.5	2,822.4	10,408.7	0.5	2,724.7	9,263.7	0.4
Other Self-Generated Energy			6,958.6	0.3		8,505.3	0.4		8,670.0	0.4
Total Self-Generated and Waste Fuels			994,127.9	45.4		1,024,974.8	46.8		1,014,679.2	46.4
Total Energy			2,169,518.9	100.0		2,168,323.1	100.0		2,167,770.9	100.0
Purchased;Mil.BTU's/Ton**			17.0			16.5			15.8	
Total;Mil.BTU's/Ton**			31.3			31.1			29.8	

** Based on sample data.

+ Determined by using "Total Energy" + "Energy Sold" as denominator.
Negl. - Negligible.

TABLE XVI

UNITED STATES

WASTE PAPER UTILIZATION AND RECOVERY

000 Tons

YEAR	Paper and Board Production	New Supply Paper and Board	Waste Paper Consumption at Paper & Board Mills	Waste Paper Utilization Rate	Other Uses for Waste Paper	Exports	Imports	Total Waste Paper Recovered	Waste Paper Recovery Rate
1970	53,169	57,593	12,021	22.6%	200	408	(67)	12,562	21.8%
1971	54,911	59,382	12,323	22.4%	225	419	(68)	12,899	21.7%
1972	59,372	64,301	13,132	22.1%	240	415	(88)	13,699	21.3%
1973	61,922	67,329	14,318	23.1%	275	683	(87)	15,189	22.6%
1974	61,075	65,533	14,196	23.2%	275	1,307	(89)	15,689	23.9%
1975	52,829	56,003	11,983	22.7%	300	861	(72)	13,072	23.3%
1976	60,488	64,277	13,822	22.9%	430	1,273	(106)	15,419	24.0%
1977	62,015	66,369	14,288	23.0%	640	1,512	(92)	16,348	24.6%
1978	63,812	69,827	14,972	23.4%	290	1,599	(70)	16,791	24.0%
1979[P]	66,678	72,360	15,520	23.0%	350	2,233	(78)	18,025	24.9%

Paper and Board Production includes all grades of paper, paperboard, wet machine board, construction paper and board, and includes hard pressed board.

New Supply equals production plus imports less exports.

Utilization Rate is the ratio of waste paper consumption to total production of paper and board.

Recovery Rate is the ratio of waste paper collected to new supply of paper and paperboard.

P= Preliminary

TABLE XVII

UNITED STATES

WASTE PAPER RECOVERY

000 Tons

GRADE	Consumption Paper and Board and Molded Pulp	Miscellaneous Uses and Insulation	Exports	Sub Total	Imports	Total
Used Corrugated						
1977	6,205	-	592	6,797	(30)	6,767
1978	6,721	-	577	7,298	(7)	7,291
1979	6,967	-	960	7,927	(11)	7,916
Old Newspapers						
1977	2,287	640	316	3,243	(42)	3,201
1978	2,212	290	366	2,868	(6)	2,862
1979	2,480	350	336	3,166	(4)	3,162
Mixed Papers						
1977	2,773	-	341	3,114	-	3,114
1978	2,729	-	471	3,200	(52)	3,148
1979	2,648	-	648	3,296	(57)	3,239
Pulp Substitutes						
1977	2,079	-	263	2,342	(20)	2,322
1978	2,242	-	92	2,334	(2)	2,332
1979	2,308	-	154	2,462	(4)	2,458
High Grade Deinking						
1977	944	-	-	944	-	944
1978	1,068	-	93	1,161	(3)	1,158
1979	1,117	-	135	1,252	(2)	1,250
Total All Grades						
1977	14,288	640	1,512	16,440	(92)	16,348
1978	14,972	290	1,600	16,862	(70)	16,791
1979	15,520	350	2,233	18,103	(78)	18,085

SECTION II

U.S. DEPARTMENT OF AGRICULTURE - FOREST SERVICE

TABLE XVIII

WOOD SUPPLY AND DEMAND

	Total	New England States	Middle Atlantic States	Lake States	Central States	Southern States	Pacific Coast States	Rocky Mountain States
	Million Acres							
Commercial Forest Land in U.S. January 1, 1977	487.8	31.0	48.2	50.0	41.6	188.4	70.8	57.8
Ownership by Forest Industry Companies	68.0	9.9	2.9	4.2	0.8	35.8	12.3	2.1
% of Industry	13.9	31.9	6.0	8.4	1.9	19.0	17.4	3.6
	Million Cubic Feet							
All Species								
Total Growth	21,874	1,352	1,832	1,691	1,051	10,826	3,431	1,690
Removals	14,425	639	663	790	637	6,571	4,279	846
Mortality	4,036	367	330	520	145	1,087	1,088	498
Removals and Mortality as Percent of Growth	84.4%	74.4%	54.2%	77.5%	74.4%	70.7%	156.5%	79.5%
Softwoods								
Total Growth	12,350	847	232	456	70	6,270	2,886	1,589
Removals	10,170	396	108	181	25	4,471	4,152	842
Mortality	2,311	139	56	158	7	485	1,007	459
Removals and Mortality as Percent of Growth	101.1%	63.2%	68.4%	74.3%	45.7%	79.0%	178.8%	81.9%
Hardwoods								
Total Growth	9,524	505	1,600	1,236	982	4,556	545	100
Removals	4,255	244	560	609	612	2,100	126	4
Mortality	1,724	228	274	362	138	603	81	39
Removals and Mortality as Percent of Growth	62.8%	93.5%	52.1%	78.6%	76.4%	59.3%	38.0%	43.0%

New England States	Middle Atlantic States	Lake States	Central States	Southern States	Pacific Coast States	Rocky Mountain States
Connecticut	Delaware	Michigan	Illinois	North Carolina	Alaska	Idaho
Maine	Maryland	Minnesota	Indiana	South Carolina	Oregon	Montana
Massachusetts	New Jersey	North Dakota	Iowa	Virginia	Washington	South Dakota (West)
New Hampshire	New York	South Dakota (East)	Kansas	Florida	California	Wyoming
Rhode Island	Pennsylvania	Wisconsin	Kentucky	Georgia	Hawaii	Arizona
Vermont	West Virginia		Missouri	Alabama		Colorado
			Nebraska	Mississippi		Nevada
			Ohio	Tennessee		Mexico
				Arkansas		Utah
				Louisiana		
				Oklahoma		
				Texas		

SOURCE: Forest Statistics of the U.S., 1977 - Review Draft - U.S. Department of Agriculture, Forest Service

SECTION III

FINANCIAL DATA ON THE PAPER INDUSTRY

SECURITIES AND EXCHANGE COMMISSION-FEDERAL TRADE COMMISSION

TABLE XIX

PAPER AND ALLIED PRODUCTS INDUSTRY, PROFIT & LOSS DATA

CASH INFLOW AND SELECTED BALANCE SHEET DATA - YEARS - 1950 - 1979

(Millions of Dollars)

Year	Net Sales	Net Profit Before Taxes	Income Taxes	Net Profit After Taxes	Net Profit After Taxes To Net Sales (%)	Depreciation	Cash Inflow	Gross Cash Flow
1950	6,377	982	424	558	8.8	162	720	1,144
1951	8,022	1,417	858	559	6.9	183	742	1,600
1952	7,688	1,000	563	437	5.7	222	659	1,222
1953	8,371	1,005	554	450	5.4	242	692	1,246
1954	8,492	970	493	479	5.6	268	718	1,211
1955	9,847	1,206	601	604	6.1	310	914	1,515
1956	10,686	1,283	626	657	6.1	360	1,017	1,643
1957	10,420	1,020	497	521	5.0	376	897	1,394
1958[1]	10,256	899	440	460	4.5	406	866	1,306
1958[2]	10,658	987	481	506	4.7	423	929	1,410
1959	11,824	1,204	585	619	5.2	459	1,078	1,663
1960	11,764	1,135	546	587	5.0	480	1,067	1,613
1961	12,525	1,120	535	583	4.7	531	1,114	1,649
1962	13,698	1,212	584	628	4.6	583	1,211	1,795
1963	14,050	1,215	581	634	4.5	615	1,249	1,830
1964	14,771	1,312	557	754	5.1	641	1,395	1,952
1965[1]	16,224	1,488	619	869	5.4	671	1,540	2,159
1965[2]	15,217	1,271	517	753	4.9	632	1,385	1,902
1966	17,016	1,544	633	911	5.4	676	1,587	2,220
1967[2]	16,900	1,316	523	796	4.7	723	1,519	2,039
1968	18,738	1,534	645	889	4.7	780	1,669	2,314
1969	20,607	1,675	688	987	4.8	821	1,808	2,496
1970	21,069	1,211	492	719	3.4	869	1,588	2,080
1971[1]	22,224	967	455	512	2.3	926	1,438	1,893
1971[2]	----------	----------	----------	---------- N.A. ----------		----------	----------	----------
1972	23,324	1,584	643	941	4.0	959	1,900	2,543
1973[1]	26,503	2,481	1,040	1,441	5.4	1,012	2,453	3,493
1973[2]	----------	----------	----------	---------- N.A. ----------		----------	----------	----------
1974[1]	30,799	3,692	1,511	2,183	7.1	1,032	3,215	4,724
1974[2]	32,837	3,792	1,502	2,287	7.0	1,063	3,350	4,855
1975	32,044	2,901	1,099	1,801	5.6	1,219	3,020	4,120
1976	39,270	3,643	1,374	2,270	5.8	1,382	3,652	5,025
1977[1]	41,926	3,442	1,207	2,234	5.3	1,548	3,782	4,989
1977[2]	45,750	3,632	1,266	2,367	5.2	1,663	4,030	5,296
1978[1]	49,683	4,097	1,447	2,648	5.3	1,767	4,415	5,864
1978[2]	48,982	4,036	1,436	2,598	5.3	1,726	4,324	5,762
1979	55,359	5,406	1,683	3,723	6.7	1,896	5,619	7,302

SOURCE: Yearly data calculated by API based on Federal Trade Commission-Securities & Exchange Commission, Quarterly Financial Report for Manufacturing Corporations, 1950 - 1979. As of Fourth Quarter 1971, report prepared by Federal Trade Commission alone.

1/ Data as from Source consistent with earlier reports.

2/ Revised series - change in corporations included in industry

N.A. Not Available

Cash Inflow = Net Profit after Taxes + Depreciation
Gross Cash Flow = Net Profit before Taxes + Depreciation.
Total Capital = Net Worth + Long Term Debt

TABLE XIX (Cont.)

PAPER AND ALLIED PRODUCTS INDUSTRY, PROFIT & LOSS DATA

CASH INFLOW AND SELECTED BALANCE SHEET DATA - YEARS - 1950 - 1979

(Millions of Dollars)

Year	Cash Dividend	Retained Earnings	Total Assets	Property Plant & Equipment Gross	Property Plant & Equipment Net	Net Worth	Long Term Debt	Total Capital	Net Profit After Taxes to Net Worth (%)
1950	178	380	5,055	N.A.	2,285	3,585	490	4,075	15.6
1951	200	359	6,005	N.A.	2,600	3,963	625	4,588	14.1
1952	196	241	6,301	5,643	2,777	4,298	784	5,082	10.1
1953	203	247	6,825	5,300	3,273	4,550	805	5,362	9.4
1954	227	252	7,085	5,699	3,367	4,903	908	5,871	9.7
1955	259	345	7,785	6,171	3,623	5,403	1,010	6,413	11.2
1956	273	384	8,492	7,028	4,213	5,772	1,286	7,058	11.4
1957	270	251	8,407	7,502	4,509	5,809	1,309	7,118	8.9
1958[1]/	265	195	8,829	7,961	4,652	6,089	1,472	7,561	7.6
1958[2]/	286	220	9,170	8,200	4,818	6,391	1,500	7,891	8.0
1959	290	329	9,721	8,740	5,062	6,602	1,512	8,159	9.3
1960	312	275	10,087	9,042	5,385	6,956	1,622	8,578	8.9
1961	328	255	11,051	10,047	5,857	7,612	1,719	9,331	7.6
1962	340	288	11,670	11,058	6,062	7,766	1,953	9,719	8.1
1963	348	286	11,859	11,020	6,079	7,886	1,966	9,850	8.0
1964	376	378	12,560	12,380	6,585	8,306	1,967	10,271	9.1
1965[1]/	409	461	13,850	13,378	7,421	8,672	2,939	11,111	10.0
1965[2]/	450	404	13,017	14,097	7,053	8,165	2,997	10,662	9.2
1966	372	539	14,621	14,662	8,131	8,710	3,109	11,819	10.5
1967[2]/	391	405	15,645	15,903	8,579	9,011	3,736	12,747	8.8
1968	396	403	16,809	16,059	9,308	9,303	4,199	13,502	9.6
1969	418	569	18,706	17,169	9,529	10,212	4,267	14,479	9.7
1970	430	289	19,679	18,160	9,909	10,305	6,822	15,127	7.0
1971[1]/	418	94	20,424	19,001	10,104	10,662	5,230	15,891	6.8
1971[2]/	N.A.	N.A.	19,582	18,558	9,987	10,326	5,137	15,463	N.A.
1972	477	569	19,810	18,816	9,903	10,615	5,973	16,588	8.9
1973[1]/	416	1,025	21,377	19,938	10,616	11,530	5,073	16,600	12.5
1973[2]/	N.A.	N.A.	20,506	18,760	9,888	11,166	4,935	16,101	N.A.
1974[1]/	519	1,668	23,606	19,093	11,524	12,958	5,346	18,304	16.8
1974[2]/	530	1,754	26,088	21,836	12,012	13,602	6,057	20,059	16.8
1975	632	1,158	28,220	26,265	14,773	16,878	7,193	22,071	12.1
1976	660	1,601	32,010	27,289	15,650	17,203	7,625	24,828	13.2
1977[1]/	725	1,502	34,450	29,565	17,131	18,321	8,551	26,872	12.6
1977[2]/	793	1,566	37,047	31,866	18,590	19,704	9,254	28,958	12.0
1978[1]/	877	1,771	40,810	34,420	20,226	21,181	10,082	31,263	12.5
1978[2]/	859	1,739	40,118	33,563	19,694	20,794	9,900	30,694	12.5
1979	975	2,748	45,304	37,069	22,349	23,200	11,028	34,234	16.0

See Page 37 for footnotes

SECTION IV

FINANCIAL DATA ON THE PAPER INDUSTRY

INTERNAL REVENUE SERVICE

(Based on Income Tax Returns)

TABLE XX

SALES, TAXES AND PROFITS

PAPER AND ALLIED PRODUCTS INDUSTRY - 1926 - 1976

(Millions of Dollars)

Year	Total Compiled Receipts	Net Sales	Net Profit Before Taxes	Federal 1/ Taxes	Net Profit After Taxes	Net Profit After Taxes To Net Sales Percent
1926	1,654	1,606	116	16	101	6.3
1927	1,671	1,596	121	16	105	6.6
1928	1,729	1,665	121	14	107	6.4
1929	1,798	1,726	129	13	115	6.7
1930	1,580	1,510	63	8	54	3.6
1931	1,274	1,217	- 5	4	- 9	-0.7
1932	1,011	954	-57	2	-60	-6.3
1933	1,165	1,121	21	7	14	1.2
1934	1,317	1,280	60	11	48	3.8
1935	1,493	1,453	73	13	60	4.1
1936	1,729	1,677	108	20	88	5.2
1937	1,888	1,838	128	23	105	5.7
1938	1,525	1,488	44	11	33	2.2
1939	1,771	1,731	101	20	81	4.7
1940	2,047	2,006	182	52	130	6.5
1941	2,806	2,760	352	170	182	6.6
1942	2,895	2,850	355	206	150	5.3
1943	3,285	3,233	395	240	155	4.8
1944	3,493	3,440	414	260	154	4.5
1945	3,584	3,517	363	148	145	4.1
1946	4,381	4,285	570	213	357	8.3
1947	5,713	5,611	922	343	578	10.3
1948	6,006	5,904	784	296	488	8.3
1949	5,468	5,360	556	215	341	6.4
1950	6,968	6,839	1,008	452	556	8.1
1951	8,430	8,277	1,330	800	533	6.4
1952	7,871	7,723	946	534	412	5.3
1953	8,385	8,239	939	516	423	5.1
1954	8,579	8,429	893	453	440	5.2
1955	10,017	9,811	1,139	564	575	5.9
1956	10,944	10,682	1,325	645	680	6.4
1957	11,022	10,803	1,009	503	505	4.7
1958	10,922	10,730	882	448	434	4.0
1959	11,846	11,579	1,127	540	587	5.1
1960	11,896	11,641	1,000	486	514	4.4
1961	12,481	12,218	969	468	501	4.1
1962	13,290	13,009	950	446	504	3.9
1963	13,199	12,892	920	421	498	3.9
1964	14,454	14,093	1,016	431	585	4.2
1965	15,384	15,001	1,211	489	722	4.8
1966	16,631	16,244	1,412	572	840	5.1
1967	17,298	16,823	1,205	461	744	4.3
1968	19,236	18,649	1,352	572	779	4.2
1969	21,377	20,663	1,435	611	824	4.0
1970	22,133	21,388	1,080	471	609	2.8
1971	23,094	22,305	1,037	447	590	2.6
1972	27,327	26,437	1,454	587	867	3.3
1973	32,200	30,800	2,450	928	1,522	4.9
1974R	35,684	34,413	3,176	1,295	1,882	5.5
1975R	34,857	33,654	2,293	865	1,428	4.3
1976P	41,897	40,470	2,978	1,142	1,836	4.5

SOURCE: Department of the Treasury. Internal Revenue Service, "Statistics of Income, Corporation Income Tax Returns, Annual Issues 1926 - 1976 all returns.

P - Preliminary
R - Revised
1/- Total income tax less investment credit, when applicable.

TABLE XXI

SALES AND CAPITALIZATION

PAPER AND ALLIED PRODUCTS INDUSTRY 1926 - 1976

(Millions of Dollars)

Year	Net Sales	Preferred Stock +	Common Stock +	Surplus =	Net Worth +	Long Term Debt =	Total Capital	Interest Payments	Sales Per Dollar of Capital (Dollars)
1926*	1,606	223	757	464	1,444	253	1,697	28	0.95
1927*	1,596	228	833	485	1,546	276	1,822	30	0.88
1928*	1,665	247	692	541	1,480	239	1,719	36	0.97
1929*	1,726	245	868	671	1,784	351	2,135	33	0.81
1930*	1,510	312	963	574	1,849	337	2,186	42	0.69
1931	1,200	360	873	545	1,778	321	2,099	39	0.57
1932	945	345	904	468	1,717	339	2,056	35	0.46
1933	1,111	363	817	485	1,665	332	1,997	33	0.56
1934	1,265	354	804	434	1,593	260	1,853	25	0.68
1935	1,440	357	811	386	1,555	275	1,830	24	0.79
1936	1,593	401	748	370	1,519	268	1,787	20	0.89
1937	1,794	424	695	512	1,632	341	1,973	21	0.91
1938	1,468	412	671	490	1,573	358	1,931	23	0.76
1939	1,715	393	668	555	1,616	353	1,969	22	0.87
1940	1,983	401	691	615	1,707	323	2,030	21	0.98
1941	2,624	395	689	754	1,838	274	2,112	14	1.24
1942	2,829	389	651	852	1,893	263	2,156	14	1.31
1943	3,207	394	660	946	2,001	266	2,267	13	1.41
1944	3,415	396	665	1,022	2,083	264	2,347	13	1.46
1945	3,489	406	680	1,043	2,129	286	2,415	14	1.44
1946	4,224	394	747	1,329	2,420	314	2,734	14	1.54
1947	5,530	353	794	1,739	2,886	375	3,261	15	1.70
1948	5,847	344	869	2,022	3,215	506	3,721	18	1.57
1949	5,303	352	891	2,142	3,384	514	3,898	21	1.36
1950	6,741	339	1,004	2,472	3,816	542	4,358	22	1.55
1951	8,109	352	1,087	2,866	4,305	729	5,034	25	1.63
1952	7,654	337	1,154	2,996	4,487	877	5,364	32	1.43
1953	8,160	339	1,181	3,190	4,709	862	5,571	35	1.46
1954	8,277	331	1,260	3,471	5,066	996	6,062	40	1.37
1955	9,543	310	1,413	3,900	5,623	1,116	6,739	47	1.42
1956	10,288	261	1,533	4,374	6,168	1,371	7,539	55	1.36
1957	10,537	285	1,603	4,475	6,363	1,621	7,984	69	1.29
1958	10,583	270	1,570	4,720	6,563	1,602	8,165	77	1.30
1959*	11,579	256	1,700	4,661	6,617	1,592	8,209	81	1.38
1960*	11,641	265	1,754	4,972	6,991	1,833	8,824	89	1.32
1961*	12,218	265	1,853	5,197	7,315	1,865	9,180	99	1.33
1962*	13,009	N.A.	N.A.	N.A.	7,771	2,123	9,894	105	1.34
1963*	12,892	.....2,139.....		5,381	7,521	2,221	9,742	110	1.35
1964*	14,093	.....2,274.....		5,804	8,078	2,062	10,140	117	1.39
1965*	15,001	.....2,197.....		6,065	8,262	2,402	10,664	130	1.41
1966*	16,244	402	1,907	6,488	8,797	3,140	11,937	166	1.36
1967*	16,823	.....2,414.....		6,812	9,226	3,731	12,957	208	1.30
1968*	18,649	.....2,408.....		7,142	9,550	3,941	13,491	263	1.38
1969*	20,643	.....2,471.....		8,005	10,476	4,228	14,704	342	1.40
1970*	21,388	.....2,443.....		8,618	11,061	4,659	15,720	422	1.36
1971*	22,305	.....2,403.....		8,745	11,148	4,866	16,014	468	1.39
1972*	26,437	.....2,552.....		9,572	12,124	5,199	17,323	462	1.53
1973*	30,800	.....2,635.....		10,617R	13,252R	5,447	18,699R	525	1.65
1974*R	34,413	.....2,600.....		10,645R	13,245R	5,277	18,522R	495	1.86R
1975*	33,653	.....2,720.....		11,956	14,676	6,539	21,216	588	1.59
1976*	40,470	.....N.A.....		N.A.	N.A.	N.A.	N.A.	655	N.A.

SOURCE: Department of the Treasury, Internal Revenue Service. "Statistics of Income, Corporation Income Tax Returns." Annual issues 1926 - 1976.

* Data for 1926 - 1930 and 1959 - 1976 refer to all returns. All other years based on returns with balance sheets only.

N.A. Not Available.

TABLE XXII

CASH FLOW AND ASSETS

PAPER AND ALLIED PRODUCTS INDUSTRY 1926 - 1976

(Millions of Dollars)

Year	CASH FLOW: Depreciation Depletion Amortization	+ Net Profit After Taxes	= Cash Flow	+ Federal Taxes Paid	= Gross Cash Inflow	Cash Dividends Paid	Retained Earnings	Total Assets	Net Sales To Total Assets (Ratio)	Net Profit After Tax To Net Worth (Percent)
1926*	55	101	156	16	172	56	45	2,097	0.8#	7.0##
1927*	58	105	163	16	179	66	39	2,182	0.7#	6.8##
1928*	65	107	172	14	186	81	26	2,116	0.8#	7.2##
1929*	65	115	180	13	193	80	35	2,573	0.7#	6.9##
1930 1/*	67	54	121	8	129	75	-20	2,526	0.6#	2.9##
1931	67	- 9	58	4	62	66	-55	2,908	0.5	-0.5
1932	63	- 58	8	2	7	25	-83	2,344	0.4	-4.4
1933	64	14	78	7	85	30	-16	2,295	0.5	0.8
1934	62	49	111	11	122	44	5	2,211	0.6	3.1
1935	61	62	123	13	136	58	4	2,197	0.7	4.0
1936	58	81	139	18	157	71	10	2,181	0.7	5.8
1937	63	102	165	23	188	83	19	2,283	0.8	6.3
1938	63	30	97	11	108	84	10	2,210	0.7	2.2
1939	67	82	149	20	169	55	27	2,267	0.8	5.1
1940	69	140	199	52	251	65	65	2,352	0.8	7.6
1941	71	177	248	160	408	83	94	2,461	1.1	9.6
1942	83	149	232	205	437	71	78	2,514	1.1	7.9
1943	85	153	238	239	477	76	77	2,672	1.2	7.6
1944	85	153	238	259	497	73	80	2,769	1.2	7.3
1945	91	144	235	196	431	77	67	2,854	1.2	6.8
1946	80	355	435	212	647	111	244	3,204	1.3	14.8
1947	92	570	662	339	1,001	152	418	3,992	1.4	19.7
1948	112	486	598	293	889	171	313	4,385	1.3	15.2
1949	128	339	467	213	680	150	185	4,505	1.2	10.0
1950	144	550	694	408	1,102	196	350	5,277	1.4	14.4
1951	170	526	696	792	1,488	221	305	6,278	1.4	12.2
1952	197	412	609	541	1,150	200	212	6,395	1.2	9.2
1953	226	420	646	510	1,156	214	206	6,660	1.2	8.9
1954	262	432	694	445	1,136	229	203	7,184	1.2	8.5
1955	323	559	882	567	1,029	250	309	8,129	1.2	9.9
1956	362	658	1,020	621	1,641	285	373	8,023	1.2	10.7
1957	411	495	906	490	1,396	288	207	9,368	1.1	7.8
1958	451	431	882	541	1,423	277	154	9,700	1.1	6.6
1959*	480	587	1,067	540	1,607	291	296	9,977	1.2	8.9
1960*	499	516	1,015	486	1,499	302	212	10,047	1.1	7.9
1961*	509	501	1,050	468	1,518	309	192	10,975	1.1	6.8
1962*	661	504	1,165	446	1,611	328	176	11,349	1.1	6.5
1963*	665	498	1,163	423	1,586	323	175	11,738	1.1	6.6
1964*	733	585	1,318	431	1,749	366	219	12,272	1.1	7.2
1965*	760	722	1,482	467	1,949	388	334	13,092	1.1	8.7
1966*	810	800	1,650	572	2,226	413	427	14,757	1.1	9.5
1967*	896	704	1,640	461	2,101	402	302	16,100	1.1	8.1
1968*	970	779	1,799	572	2,321	466	316	17,313	1.1	8.2
1969*	1,060	824	1,884	611	2,905	479	345	19,736	1.0	7.9
1970*	1,087	609	1,696	471	2,167	495	114	21,151	1.0	5.5
1971*	1,131	590	1,721	447	2,168	482	108	21,959	1.0	5.3
1972*	1,268	939	2,207	516	2,723	511	428	23,710	1.1	7.7
1973*	1,456	1,522	2,978	928	3,906	598	924	25,930	1.2	11.5
1974*	1,456	1,882	3,338	1,295	4,633	644	1,238	25,333	1.3	10.2
1975	1,592	1,428	3,020	865	3,884	588	840	27,908	1.2	9.7
1976	1,971	1,836	3,907	1,142	5,049	886	951	31,503	1.3	N.A.

SOURCE: Department of the Treasury, Internal Revenue Service. "Statistics of Income, Corporation Income Tax Returns" Annual issues 1926 - 1976.

1/ Profit and Loss data in 1930 and prior years taken from "All Returns", assets data from "Returns with balance sheets."

* Data from 1926 - 1930 and 1959 - 1976 refer to all returns. All other years based on returns with balance sheets.

\# Computed by using net sales for all returns.

\#\# Computed by using net profits after taxes for all returns.

N.A. Not Available.

TABLE XXIII

SALES, PROFITS, CAPITALIZATION AND RELATED FINANCIAL DATA - 1961 - 1975

PULP, PAPER AND PAPERBOARD INDUSTRY

(Millions of Dollars)

Year	Net Sales	Net Profit Before Taxes	Federal Taxes	Net Profit After Taxes	Net Profit After Taxes To Net Sales (%)
1961	7,286	630	298	332	4.6
1962	7,608	584	267	317	4.2
1963	7,510	570	237	333	4.4
1964	8,146	618	209	369	4.5
1965	8,619	722	263	459	5.3
1966	9,913	847	314	523	5.2
1967	10,077	656	200	456	4.5
1968	10,715	691	288	403	4.1
1969	12,284	756	279	477	3.9
1970	13,000	496	187	309	2.4
1971	13,931	452	167	286	2.1
1972	14,876	612	178	434	2.9
1973	18,277	1,418	479	939	5.1
1974	17,121	1,587	627	960	5.6
1975	17,076	1,081	376	705	4.1

Year	Cash Flow: Depreciation Depletion + Amortization	Cash Flow: Net Profit After Taxes	Cash Flow: = Cash Flow	Federal Taxes Paid	Cash Dividends Paid	Retained Earnings	Total Assets	Net Sales To Total Assets (Ratio)	Net Profit After Taxes To Net Worth (%)
1961	408	332	740	298	228	104	7,910	0.9	6.2
1962	501	317	818	267	239	78	8,109	0.9	N.A.
1963	504	333	837	237	231	102	8,289	0.9	6.2
1964	538	369	907	209	253	116	8,569	0.9	6.9
1965	565	459	1,024	263	259	200	9,116	0.9	7.9
1966	619	523	1,142	319	288	235	10,009	0.9	8.3
1967	674	456	1,130	200	300	156	11,809	0.9	6.8
1968	717	403	1,160	288	293	150	12,512	0.9	6.0
1969	783	477	1,260	279	325	152	14,479	0.9	6.9
1970	792	309	1,101	187	319	- 5	15,520	0.8	4.0
1971	800	286	1,086	167	296	-10	15,756	0.9	3.8
1972	855	434	1,289	178	287	147	15,865	0.9	5.7
1973	1,070	939	2,009	479	372	567	18,127	1.0	10.5
1974	787	960	1,747	627	317	643	13,951	1.2	13.8
1975	922	705	1,627	376	300	459	16,025	1.1	8.8

Year	Preferred Stock +	Common Stock +	Surplus =	Net Worth +	Long-Term Debt =	Total Capital	Interest Payments	Sales Per Dollar Of Capital
1961	172	1,362	3,859	5,393	1,529	6,922	76	1.05
1962	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	78	N.A.
1963	.....1,522.....		3,861	5,383	1,779	7,162	80	1.05
1964	.....1,600.....		4,121	5,721	1,541	7,262	84	1.12
1965	.....1,569.....		4,243	5,812	1,862	7,674	90	1.12
1966	333	1,391	4,508	6,322	2,577	8,899	128	1.11
1967	.....1,790.....		4,820	6,710	3,079	9,789	156	1.03
1968	.....1,750.....		5,006	6,762	3,296	10,058	200	1.07
1969	.....1,810.....		5,599	7,413	3,481	10,894	268	1.13
1970	.....1,701.....		5,983	7,684	3,960	11,608	385	1.12
1971	.....1,628.....		5,992	7,620	3,926	11,545	378	1.16
1972	.....1,598.....		6,020	7,618	4,028	11,646	353	1.28
1973	.....1,812.....		7,150R	8,962R	4,290R	13,230R	399	1.38
1974	.....1,936.....		5,537R	6,973R	3,457	10,431R	270	1.60R
1975	.....1,500.....		6,948	7,982	4,299	12,281	450	1.39

SOURCE: U.S. Treasury Department, Internal Revenue Service, "Corporation Returns". For all Data ending 1969
U.S. Treasury Department, Internal Revenue Service, "Source Book of Statistics of Income" for all subsequent years.

N.A. - Not Available

SECTION V

BUREAU OF ECONOMIC ANALYSIS DATA
DEPARTMENT OF COMMERCE

TABLE XXIV

DATA ON THE PAPER AND ALLIED PRODUCTS INDUSTRY

IN THE GROSS NATIONAL PRODUCT ACCOUNTS

1948 - 1979

(Millions of Dollars)

	SECTION I NATIONAL INCOME BY INDUSTRY			SECTION II PAPER AND ALLIED PRODUCTS INDUSTRY				
Year	All Industries	Manufacturing	Paper & Allied Products	Net Profit Before Taxes	Corporate Income Taxes	Net Profit After Taxes	Net Dividends Paid	Retained Earnings
1948	225,857	68,795	2,353	796	308	488	150	338
1949	219,189	64,844	2,184	558	221	337	123	214
1950	242,826	76,296	2,706	1,007	462	545	159	386
1951	280,059	90,318	3,386	1,355	824	531	191	340
1952	293,525	92,605	3,151	965	549	416	176	240
1953	306,984	100,501	3,337	960	532	428	200	228
1954	305,328	94,708	3,410	933	479	454	209	245
1955	333,273	107,976	3,810	1,154	584	570	228	342
1956	353,037	113,175	4,299	1,359	680	679	277	402
1957	368,786	116,348	4,124	1,067	533	534	265	269
1958	370,807	107,900	4,084	916	469	447	251	196
1959	403,617	124,163	4,629	1,149	573	576	254	322
1960	417,970	125,448	4,706	1,029	507	522	256	266
1961	429,761	124,698	4,887	996	490	506	268	238
1962	459,728	135,999	5,088	980	468	512	286	226
1963	484,026	143,189	5,264	983	438	545	278	267
1964	519,525	154,081	5,579	1,070	450	620	327	293
1965	565,434	170,361	6,005	1,251	504	747	349	398
1966	621,601	189,399	6,706	1,484	598	886	361	525
1967	655,616	193,159	6,820	1,260	475	785	370	415
1968	715,732	210,811	7,486	1,443	592	851	381	470
1969	771,071	221,353	8,132	1,545	622	923	401	522
1970	804,425	215,388	7,968	1,193	486	707	427	280
1971	866,020	224,704	8,337	1,058	442	616	389	227
1972	956,771	251,811	9,421	1,524	609	915	433	482
1973	1,072,829	283,540	10,881	2,477	978	1,499	459	1,040
1974	1,152,083	297,833	11,898	3,259	1,361	1,898	460	1,438
1975	1,244,588	312,467	11,833	2,223	906	1,317	494	823
1976	1,394,489	363,134	14,239	3,022#	1,192#	1,830#	654#	1,176#
1977	1,561,716	409,404	15,677	2,952#	1,137#	1,815#	655#	1,160#
1978	1,766,786	459,502	17,094	3,233#	1,263#	1,970#	726#	1,244#
1979E	1,977,800	510,300	19,300E	4,200	1,435E	2,765E	800E	1,965E
	----------Table 6.3----------			Table 6.19	Table 6.20	Table 6.21	Table 6.22	Table 6.23

SOURCE: 1948-1972 Benchmark Revision of National Income and Product Accounts: Advance Tables - Set 3 (1976)
1973-1979 Survey of Current Business, July Issues 1974-1980

E - Data estimated by API

- Estimated data, subject to revision by Department of Commerce, Office of Business Economics

TABLE XXIV (Cont.)

DATA ON THE PAPER AND ALLIED PRODUCTS INDUSTRY

IN THE GROSS NATIONAL PRODUCT ACCOUNTS

1948 - 1979

(Millions of Dollars)

SECTION III

PAPER AND ALLIED PRODUCTS INDUSTRY

Year	Corporate Sales	Employee Costs			Corporate Capital Consumption Allowance	(a) Other Costs	Expend. on New Plant & Equipment	Number of Full Time Equivalent Employees (000)	Number of Full-Time & Part-Time Employees (000)	Average Annual Earnings per Employee (Dollars)
		Total	Wages and Salaries	Supplements to Wages & Salaries						
1948	5,094	1,577	1,501	76	122	2,599	383	470	470	3,194
1949	5,355	1,548	1,465	83	140	3,127	298	451	453	3,234
1950	6,833	1,788	1,686	102	154	3,884	327	482	485	3,476
1951	8,277	2,057	1,923	134	179	4,686	420	504	510	3,771
1952	7,725	2,143	2,004	139	204	4,413	364	497	504	3,976
1953	8,232	2,375	2,224	151	234	4,663	409	523	533	4,173
1954	8,431	2,457	2,292	165	275	4,766	455	522	534	4,292
1955	9,819	2,684	2,499	185	338	5,643	510	537	551	4,535
1956	10,693	2,919	2,712	207	370	6,045	790	554	570	4,758
1957	10,840	3,038	2,812	226	419	6,316	800	555	567	4,959
1958	10,665	3,117	2,868	249	464	6,168	570	542	558	5,140
1959	11,612	3,436	3,152	284	474	6,553	620	567	582	5,416
1960	11,641	3,596	3,288	308	496	6,520	770	576	592	5,554
1961	12,218	3,791	3,464	327	541	6,890	640	582	599	5,784
1962	13,008	4,042	3,678	364	653	7,333	660	598	615	5,980
1963	12,892	4,222	3,828	394	665	7,022	720	605	622	6,154
1964	14,093	4,446	4,028	418	721	7,856	970	607	625	6,445
1965	15,001	4,696	4,250	446	734	8,320	1,220	628	640	6,641
1966*	16,244	5,133	4,616	517	771	8,856	1,430	656	667	6,921
1967	16,823	5,415	4,876	539	837	9,311	1,560	672	680	7,171
1968	18,649	5,877	5,267	610	892	10,437	1,320	681	691	7,622
1969	20,643	6,448	5,768	680	951	11,699	1,580	705	713	8,090
1970	21,388	6,598	5,994	604	993	12,604	1,650	694	702	8,538
1971	22,305	7,019	6,172	847	1,042	13,186	1,250	669	679	9,090
1972	26,437(1)	7,701	6,704	997	1,147	16,065	1,380	674	584 **	9,947
1973	30,800(1)	8,518	7,290	1,228	1,218	18,667	1,860	689	700 **	10,581
1974	34,413(1)	9,257	7,885	1,372	1,256	20,641c	2,580	688	701 **	11,461
1975	33,653(1)	9,383	7,921	1,462	1,406	20,641c	2,950	628	642	12,613
1976	40,470(1)	10,972	9,167	1,805	1,628#	24,848	3,270	662	673	13,847
1977	45,750(2)	12,285	10,182	2,103	1,908#	28,605	3,360	679	692	14,996
1978	48,982(2)	13,574	11,190	2,384	1,978#	30,898	3,460	691	701	16,194
1979#	55,359(2)	15,105	12,380	2,725	2,191	33,863	4,880	694	714	17,840
		Table 6.5	Table 6.6	Table Imputed	Table 6.24	Table Imputed	OBE,SEC Data	Table 6.8	Table 6.7	Table 6.9

* - 1966 data reflects shift of a major company to Building Materials

** - Data estimated by API; Ratio of wages and salaries to number of full-time and part-time employees - 1948-1971 Number of full-time equivalent employees.

(1) - Data from Internal Revenue Service.) These data are not shown in current reports. 1948-1971 data

(2) - Data from Federal Trade Commission Reports.) republished from Table 6.19 of earlier reports.

(a) - Other Costs = Corporate Sales - (Net Profit Before Taxes plus Employee Costs plus Corporate Capital Consumption Allowances).

\# - Estimated data. Subject to revision.

Note:- The Department of Commerce's Office of Business Economics is preparing benchmark revisions of the GNP accounts based on the 1977 Census of Manufactures. The detailed 1979 data and revisions of earlier data will not be available until late 1980 or early 1981.

SECTION VI

BUREAU OF LABOR STATISTICS DATA

TABLE XXV

WAGE RATES AND EMPLOYMENT

PAPER AND ALLIED PRODUCTS INDUSTRY

1964 - 1979

Year	Average Hourly Earnings (Dollars)	Average Weekly Earnings (Dollars)	Average Weekly Hours	Employees	
				Total	Production Workers
				(Thousands)	
Paper and Allied Products					
1964	2.56	109.57	42.8	625.5	488.8
1965	2.65	114.22	43.1	639.1	497.7
1966	2.75	119.35	43.4	666.9	518.2
1967	2.87	122.84	42.8	679.1	526.3
1968	3.05	130.85	42.9	691.2	536.2
1969	3.24	139.32	43.0	711.1	550.6
1970	3.44	144.14	41.9	705.5	543.2
1971	3.67	154.51	42.1	681.9	521.8
1972	3.95	169.46	42.9	688.9	531.6
1973	4.20	180.18	42.9	704.6	543.1
1974	4.54	191.59	42.2	706.1	544.3
1975	5.01	208.42	41.6	642.0	479.7
1976	5.47	232.48	42.5	675.5	508.3
1977	5.96	255.68	42.9	691.6R	518.2R
1978	6.52	279.71	42.9	698.7R	524.7R
1979	7.13	303.74	42.6	706.7	535.5
Paper and Pulp 1/					
1964	2.77	121.88	44.0	213.1	169.9
1965	2.88	128.16	44.5	211.9	168.2
1966	3.02	135.30	44.8	215.1	169.9
1967	3.16	139.99	44.3	217.1	170.5
1968	3.35	149.08	44.5	217.7	170.2
1969	3.58	160.38	44.8	222.7	173.6
1970	3.80	166.06	43.7	218.8	168.6
1971	4.05	177.80	43.9	208.8	160.6
1972	4.37	194.47	44.5	206.5	160.6
1973	4.66	209.23	44.9	208.5	164.7
1974	5.00	222.50	44.5	210.7	164.0
1975	5.54	240.44	43.4	196.8	150.3
1976	6.11	272.51	44.6	203.9	156.4
1977	6.75	302.40	44.8	205.4R	157.3R
1978	7.44	334.80	45.0	200.1R	151.1R
1979	8.26	372.53	45.1	206.6	155.2

1/ - Includes Building Paper and Board Mills.
R - Revised

TABLE XXV (Cont.)

WAGE RATES AND EMPLOYMENT

PAPER AND ALLIED PRODUCTS INDUSTRY

1964 - 1979

Year	Average Hourly Earnings (Dollars)	Average Weekly Earnings (Dollars)	Average Weekly Hours	Employees	
				Total	Production Workers
				(Thousands)	
Paperboard					
1964	2.80	124.32	44.4	66.6	53.0
1965	2.93	132.14	45.1	68.1	54.1
1966	3.06	138.62	45.3	71.2	55.9
1967	3.19	142.59	44.7	72.1	56.4
1968	3.37	152.32	45.2	72.0	57.2
1969	3.61	163.53	45.3	71.1	56.4
1970	3.86	171.77	44.5	71.8	57.7
1971	4.14	184.23	44.5	68.5	53.8
1972	4.47	200.70	44.9	66.0	52.6
1973	4.78	212.23	44.4	66.1	52.3
1974	5.14	225.65	43.9	65.5	52.3
1975	5.73	244.10	42.6	60.8	47.9
1976	6.40	280.96	43.9	65.6	52.2
1977	6.94	312.30	45.0	66.9R	52.4R
1978	7.67R	340.55R	44.4	67.3R	52.8R
1979	8.38	367.88	43.9	65.1	51.6
Miscellaneous Converted Paper Products					
1964	2.32	96.28	41.5	152.5	112.4
1965	2.39	99.42	41.6	159.6	116.8
1966	2.48	104.16	42.0	171.2	125.3
1967	2.60	107.38	41.3	175.5	128.8
1968	2.76	113.99	41.3	179.8	131.6
1969	2.93	121.30	41.4	187.6	136.4
1970	3.12	126.05	40.4	189.7	137.7
1971	3.33	135.20	40.6	188.9	136.9
1972	3.61	151.26	41.9	190.4	143.1
1973	3.85	161.32	41.9	205.4	148.8
1974	4.19	173.05	41.3	210.6	155.8
1975	4.57	185.09	40.5	190.5	133.6
1976	4.92	202.21	41.1	200.8	140.8
1977	5.33	219.60	41.2	210.2R	147.5R
1978	5.82R	239.20R	41.1	217.8R	155.9R
1979	6.31	259.34	41.1	220.1	162.6
Paperboard Containers & Boxes					
1964	2.40	100.56	41.9	193.3	153.5
1965	2.47	104.23	42.2	199.6	158.6
1966	2.56	109.06	42.6	209.3	167.1
1967	2.66	110.92	41.7	214.4	170.7
1968	2.82	117.88	41.8	221.7	177.2
1969	3.00	125.10	41.7	229.6	184.2
1970	3.18	128.79	40.5	225.0	179.2
1971	3.40	139.06	40.9	215.7	170.4
1972	3.64	151.06	41.5	219.9	173.3
1973	3.88	160.63	41.4	224.5	179.0
1974	4.17	168.47	40.4	219.3	172.2
1975	4.58	185.95	40.6	193.9	148.0
1976	4.95	204.44	41.3	205.2	158.9
1977	5.36	224.05	41.8	209.1R	161.0R
1978	5.89R	247.97R	42.1	213.5R	164.9R
1979	6.37	263.72	41.4	214.9	166.1

SOURCE: Bureau of Labor Statistics, Employment and Earnings, Tables B-2 and C-2, U.S. Department of Labor, Washington, D.C.

Note: Data on hours and earnings refer to Production and Non-Supervisory Workers.
R - Revised

TABLE XXVI

WHOLESALE PRICE INDEXES

FOR

SELECTED SUBGROUPS AND CLASSES OF

WOOD PULP, PAPER, PAPERBOARD AND CONVERTED PRODUCTS

(Index 1967 = 100)

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
PULP, PAPER & ALLIED PRODUCTS..	101.1	104.0	108.2	110.1	113.4	122.1	151.7	170.4	179.4	186.4	195.5	218.9
PULP, PAPER & PRODUCTS, exc. Building Board & Paper.....	101.2	104.1	108.5	110.4	113.7	122.5	152.8	171.9	180.8	187.3	195.5	220.1
Wood Pulp Sub-Group.....	100.0	100.0	109.6	112.1	111.5	128.3	217.8	283.4	286.0	281.1	267.0	314.9
Sulphate, Unbleached.....	100.0	100.0	118.6	121.1	121.1	144.4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sulphate, Semi-Bleached.....	100.0	99.8	106.8	109.9	111.4	126.2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sulphate, Bleached.....	100.0	100.0	109.5	111.6	110.5	128.3	220.0	281.2	282.8	277.0	260.2	312.0
Sulphite, Bleached.....	100.0	100.0	109.9	113.2	113.2	129.5	227.0	298.7	291.0	278.1	268.6	332.8
Paper Making Wood Pulp.....	(Index Dec. 1973 = 100)			--	--	--	148.1	193.4	192.5	186.8	175.0	215.7
Bleached Sulphate Hardwood Pulp	(Index Dec. 1973 = 100)			--	--	--	147.2	185.4	181.1	174.0	162.8	197.5
Dissolving Wood Pulp.....	(Index Dec. 1973 = 100)			--	--	--	139.8	180.2	189.9	193.8	191.5	197.9
Dissolving Wood Pulp 92-94 alpha	(Index Dec. 1973 = 100)			--	--	--	144.2	189.5	200.9	203.3	199.2	N.A.
Bleached Sulphate Softwood Canadian.....	(Index 1974 = 100)		--	--	--	--	--	114.8	114.8	111.8	N.A.	N.A.
Waste Paper Sub-Group.....	130.0	138.7	125.0	112.1	133.6	197.4	265.5	110.2	184.9	187.2	191.2	206.6
No. 1 News.....	137.1	122.9	108.1	103.1	119.2	137.2	201.6	111.8	199.5	209.6	200.5	151.8
No. 1 Mixed.....	152.6	168.2	130.3	122.8	155.2	230.8	330.8	103.6	156.3	174.4	224.0	204.3
Old Corrugated Boxes.....	128.5	140.4	135.5	111.5	131.6	223.3	251.4	89.7	195.7	186.4	202.0	278.4
Semi-Chem. Kr. Clippings.....	125.6	140.1	143.7	127.2	153.8	223.7	288.8	134.4	209.6	210.4	224.2	235.4
Mixed Kraft Clippings.....	131.3	157.6	135.6	130.9	163.2	247.1	323.2	138.3	231.0	232.2	248.7	384.4
White News Blanks.....	91.9	89.9	86.3	82.5	85.8	124.4	212.0	111.7	185.9	186.7	178.5	186.3
Paper Sub-Group.....	102.0	105.5	111.0	114.2	116.3	121.4	148.6	172.9	182.3	194.3	206.1	229.7
Paper, except Newsprint.....	102.2	105.8	112.0	114.8	116.1	121.0	147.7	169.3	177.1	187.2	199.5	222.9
Book Paper, Uncoated Offset..	102.4	106.2	112.0	116.3	118.5	120.9	143.7	158.0	164.7	173.8	188.3	214.1
Wood Bond, Unwatermarked.....	105.7	108.8	115.6	120.1	121.9	124.8	139.5	148.5	151.1	156.6	164.7	182.1
25% Cotton Fiber.....	103.5	106.6	112.1	115.4	116.7	122.2	147.8	162.8	170.2	180.1	187.3	203.7
Wrapping Paper.....	98.0	104.3	117.6	117.9	119.8	127.4	158.6	200.8	208.4	213.5	225.6	243.0
Butcher's Paper.....	103.0	107.5	111.2	113.2	112.4	121.1	151.7	183.4	183.6	189.9	N.A.	N.A.
Waxing Paper.....	100.6	100.8	102.6	103.4	104.4	112.1	160.5	191.9	199.3	203.0	210.3	N.A.
Newsprint Class.....	101.1	104.4	107.6	112.2	116.7	122.2	151.2	184.0	198.2	215.5	226.3	250.2
Coated Printing Paper #3.....	(Index Dec. 1973 = 100)			--	--	--	110.1	118.4	128.5	139.1	154.6	167.9
Coated Printing Paper #5.....	(Index Dec. 1973 = 100)			--	--	--	119.6	130.3	144.9	162.3	179.5	194.5
Watermarked Bond #1.....	(Index Dec. 1973 = 100)			--	--	--	108.3	114.6	116.2	119.9	125.3	137.4
Form Bond, 12 lbs.....	(Index Dec. 1973 = 100)			--	--	--	128.7	144.7	149.0	158.2	165.3	187.8
Uncoated Index Bristol.....	(Index Dec. 1973 = 100)			--	--	--	110.2	133.5	137.8	144.1	149.6	166.0
Shipping Sack, Unbl.Kraft.....	(Index Dec. 1973 = 100)			--	--	--	117.6	143.0	145.3	155.4	161.4	178.3
Standard Converting,Unbl.Kraft	(Index Dec. 1973 = 100)			--	--	--	116.1	140.7	141.5	145.4	151.5	167.0
Grocery Sack, Unbl. Kraft.....	(Index Dec. 1973 = 100)			--	--	--	118.3	150.7	152.0	151.2	157.8	179.6
Form Bond, 15 lb.....	(Index Dec. 1975 = 100)			--	--	--	--	--	102.4	103.9	110.9	126.1
Paperboard Sub-Group	96.9	99.4	101.1	102.4	105.5	115.1	152.2	170.3	176.0	176.2	179.4	202.1
Containerboard Class.....	93.1	97.2	99.0	100.3	103.9	113.4	146.2	171.5	176.1	172.0	172.4	197.8
Linerboard, 100 lb. Test.....	94.4	97.5	99.2	100.3	103.4	111.4	143.8	171.0	174.4	170.6	171.1	196.4
Corrugating Medium.....	89.6	96.3	98.9	100.2	105.1	118.3	152.2	172.5	181.5	177.3	178.9	203.8
Folding Boxboard Class.....	100.2	102.5	103.2	104.0	106.5	115.7	158.2	162.8	167.4	174.8	185.2	199.4
Set-Up Boxboard Class.....	102.2	107.0	110.7	113.7	119.0	131.4	185.4	192.9	195.1	204.1	214.9	234.5
White Clay Coated, 80 Bright....	(Index Dec. 1974 = 100)			--	--	--	--	100.0	103.7	108.8E	117.6	124.8
Bending Chipboard.....	(Index Dec. 1976 = 100			--	--	--	--	99.4	101.5	104.8	108.2	N.A.
Bleached Board Folding Carton..	(Index Dec. 1974 = 100)			--	--	--	--	102.0	109.9	117.4	124.0	134.4
Uncoated Cup Stock.....	(Index Dec. 1974 = 100)			--	--	--	--	102.8	111.1	118.7	122.8	135.3
Tube, Can and Drum Stock.....	(Index Dec. 1974 = 100)			--	--	--	--	100.2	103.0	104.1	105.6	117.0
Converted Products Sub-Group...	101.0	103.6	107.9	109.7	113.6	121.6	144.9	161.8	170.0	176.6	186.3	209.6
Sanitary Paper, etc.....	104.2	109.1	115.1	119.6	121.0	124.8	155.7	194.7	214.4	236.7	253.3	279.4
Paper Bags, Shipping Sacks.....	94.4	98.4	100.9	100.1	107.6	119.4	138.6	155.7	163.5	171.5	190.6	220.2
Boxes, Shipping Containers.....	101.6	104.4	108.1	111.5	115.9	124.5	146.0	158.0	164.7	167.6	174.5	197.2
Gummed Sealing Tape.....	100.8	102.0	102.1	100.4	102.9	111.8	138.8	161.6	168.3	175.8	187.6	205.5
Games, Toys, Novelties.....	102.0	104.1	110.8	113.0	115.4	116.7	136.1	144.8	147.7	155.8	N.A.	N.A.
Office Supplies.....	100.3	98.7	101.4	101.9	103.2	109.9	136.1	148.5	149.4	151.4	156.7	178.6
Composite Cans.....	102.7	104.6	108.3	112.3	115.9	122.3	143.6	167.3	179.0	194.3	209.6	225.7
Building Paper and Board Sub-Group.....	100.9	105.5	101.0	102.8	106.4	112.8	123.5	127.1	138.8	157.0	187.4	182.7

SOURCES: Bureau of Labor Statistics, Wholesale Prices and Price Indexes Producers Price Indexes. Various issues. U.S. Department of Labor, Washington, D.C.

NOTE: Annual figures are averages of monthly data.

N.A. - Not Available

E - Estimate

SECTION VII

BUREAU OF THE CENSUS DATA

DEPARTMENT OF COMMERCE

TABLE XXVII

UNITED STATES PRODUCTION OF WOOD PULP

1968 - 1979

(000 Short Tons)

P R O D U C T I O N

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977R	1978P	API Data 1978	API Data 1979
WOOD PULP, TOTAL 1/	40,096	41,887	42,421	42,595	45,237	46,659	41,445	41,445	45,695	47,045	47,750	48,432	50,871
Special Alpha and Dissolving Grades	1,679	1,676	1,705	1,674	1,656	1,637	1,723	1,583	1,443	1,401	1,351	1,411	1,497
Bleached Sulphite	2,046	1,893	1,931	1,809	1,827	1,810	1,804	1,594	1,589	1,595	[1,643]	1,420	1,379
Unbleached Sulphite	388	391	413	354	345	374	405	357	435	405		330	396
Bleached Sulphate	9,945	10,679	11,348	11,685	12,460	13,055	13,705	12,448	13,696	14,307	15,218	[17,114]	18,062
Semi-Bleached Sulphate	1,602	1,721	1,906	1,557	1,574	1,826	1,672	1,396	1,298	1,253	1,198		
Unbleached Sulphate	15,609	16,209	16,217	16,309	17,792	18,165	17,635	15,517*	17,879	18,534	18,776	19,028	19,930
Soda	225	241	218	208	184	188	200	*	*	*	*	*	*
Groundwood	4,178	4,416	4,404	4,462	4,639	4,670	4,711	4,351	4,649	4,753	4,807	4,141	4,385
Semi-Chemical	3,491	3,620	3,297	3,473	3,786	3,864	3,758	3,201	3,576	3,569	3,552	3,783	4,067
Defibrated or Exploded.E	800	910	850	940	850	950	980	890	1,010	1,120	1,095	1,095	1,045
Screenings, Damaged, etc.	133	130	130	125	122	122	131	108E	110E	110E	110E	110E	110E

SOURCE: 1968 - 1978 - U.S. Bureau of Census
1978 - 1979 - Pulp, Materials and Technology Group - API

* Soda pulp included with unbleached sulphate wood pulp
1/ This total is comparable to the capacity data published on Table XII. Wood Pulp Capacity. Excludes defibrated and exploded wood pulp for hard pressed board.

TABLE XXVIII

UNITED STATES CONSUMPTION
OF WOOD PULP, PULPWOOD AND OTHER
FIBROUS MATERIALS - 1967 - 1979

(000 Short Tons)

	CONSUMPTION IN PAPER AND PAPERBOARD MILLS												
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977R	1978R	1979P
WOOD PULP, TOTAL[1/]	36,331	40,465	42,682	41,953	42,787	45,928	47,267	46,736	40,863	45,894	46,824	47,048	50,156
Special alpha and dissolving grades	87	95	79	70	71	77	73	58	42	36	44	42	42
Bleached sulphite	2,523	2,421	2,243	2,195	2,135	2,161	2,009	2,136	1,768	1,985	1,884	1,586	1,516
Unbleached sulphite	528	531	467	487	463	458	526	547	442	501	481	412	518
Bleached sulphate	9,640	11,100	11,955	11,990	12,588	13,595	14,341	14,608	12,919	14,447	15,228	16,180	18,393
Semi-bleached sulphate	1,692	1,669	1,878	1,817	1,711	1,797	1,812	1,626	1,453	1,517	1,378	1,370	
Unbleached sulphate	13,760	15,494	16,508	16,403	16,495	17,971	18,437	17,825	15,430	17,527	18,149	18,864	19,654
Soda	279	279	282	257	235	213	221	231	166	121	121	119	
Groundwood	3,920	4,349	4,730	4,532	4,590	4,807	4,935	5,004	4,546	5,085	4,497	4,385	4,588
Thermomechanical	-	-	-	-	-	-	-	-	-	-	368	441	562
Semichemical	3,123	3,442	3,610	3,315	3,481	3,754	3,785	3,628	3,120	3,546	3,521	3,558	3,758
Defibrated or exploded E	630	732	776	751	886	962	993	916	849	993	1,019	1,039	993
Screenings, damaged, etc	150	158	155	137	133	135	137	157	125	135	134	131	134
OTHER FIBROUS MATERIALS, TOTAL	10,724	11,126	12,847	12,631	12,981	13,817	14,977	14,820	12,373	14,364	14,884	15,584	16,006
Waste Paper	9,888	10,222	11,969	11,803	12,106	12,925	14,094	13,982	11,748	13,622	14,058	14,760	15,363
All other, including straw, rags, etc	836	905	878	828	875	892	883R	838	625R	742	826	824	643
PULPWOOD, TOTAL[2/]	55,932	62,092	65,892	67,562	67,157	71,538	73,596	74,327	65,421	73,870	73,970	77,290	79,566
Softwood	42,703	47,195	49,696	51,296	50,585	53,613	54,843	54,560	48,932	55,742	55,509	57,096	58,654
Hardwood	13,229	14,897	16,196	16,266	16,571	17,925	18,753	19,767	16,489	18,128	18,461	20,194	20,912
Receipts of Residues	17,571	19,598	19,776	19,926	21,765	27,340	29,949	25,751	28,694	28,165	29,652	30,380	30,065
	CONSUMPTION OF WOOD PULP IN OTHER THAN PAPER AND PAPERBOARD												
TOTAL WOOD PULP	1,105	1,199	1,198	1,079	1,116	1,118	1,047	1,152	785	886	879	884	909
Alpha and dissolving grades	918	1,017	1,009	898	933	929	869	937	600	705	702	676	701
Other wood pulps	186	182	185	181	183	189	178	216	185	181	177	208	208

SOURCE: Consumption in paper and board mills of wood pulp - 1967-1978 - Bureau of Census, Industry Division
1979 - American Paper Institute
Consumption of waste paper - 1967-1968 - Bureau of Census, Industry Division
1969 - Institute of Paper Chemistry
1970-1979 - American Paper Institute
Consumption of other fibrous materials - Bureau of Census, Industry Division
Consumption of pulpwood - 1967-1975 - Bureau of Census, Industry Division
1976-1979 - American Pulpwood Association

1/ Includes figures for Alaska, excludes wood pulp for hard pressed board.
2/ Includes slabs, chips and mill waste. All pulpwood data in thousands of cords.
P - Preliminary
R - Revised
E - Estimated by American Paper Institute
Note: Details may not add to totals due to rounding of figures to nearest thousand.
The Bureau of Census reported 1969 waste paper consumption at 10,939,000 tons.
Waste paper consumption - Bureau of Census data
1970 - 10,594,000 tons - 1971 - 10,999,905 tons - 1972 - 11,703,318 tons - 1973 - 12,374,326 tons
1974 - 12,097,574 tons - 1975 - 10,366,957 tons - 1976 - 11,873,645 tons - 1977 - 12,103,000 tons
1978 - 12,481,000 tons - 1979 - 12,956,000 tons

TABLE XXIX

CENSUS DATA

PRODUCTION OF PAPER AND PAPERBOARD 1967 - 1972
(Short Tons)

	1967	1968	1969	1970	1971	1972
ALL GRADES	46,925,753	51,245,160	54,187,214	53,516,171	55,085,805	59,457,076
PAPER	20,943,924	22,397,804	23,594,756	23,624,961	23,811,275	25,435,338
Printing, writing and related papers	12,631,550	13,602,699	14,498,767	14,418,188	14,488,310	15,705,240
Newsprint	2,599,139	2,956,016	3,252,555	3,344,912	3,321,301	3,450,721
Groundwood paper, uncoated	1,162,519	1,186,785	1,207,543	1,214,621	1,186,487	1,308,222
Publication & printing	937,214	1,029,845	1,065,679	1,070,210	1,040,946	1,160,789
Body stock for coating & Other Conv. Miscellaneous groundwood	198,194	156,940	141,864	144,411	145,541	147,433
Coated printing & converting paper	3,086,439	3,134,353	3,348,485	3,278,610	3,250,694	3,545,830
Coated, one side	350,829	367,564	396,772	403,225	379,583	425,487
Coated, two sides	2,735,610	2,766,789	2,951,713	2,875,385	2,871,111	3,120,343
Uncoated free sheet	4,415,124	4,920,157	5,222,467	5,177,182	5,348,099	5,887,552
Writing chemical wood pulp	1,932,652	2,142,676	2,375,000	2,337,790	2,408,543	2,694,190
Publication & printing	1,389,816	1,601,573	1,687,178	1,650,197	1,721,803	1,893,617
Body stock for coating	24,233	26,582	25,589	23,607	20,539	23,601
Other converting & misc. book paper	876,197	956,553	941,563	972,364	1,015,534	1,092,800
Cover and text	192,226	192,733	193,137	193,224	181,680	183,344
Bleached bristols, exc. cotton fiber, index & bogus	981,179	1,008,487	1,046,759	997,109	976,145	1,061,784
Tabulating index, tag & file folder	775,510	823,100	826,811	771,422	735,170	767,567
Other uncoated bristols	154,641	126,610	133,433	137,893	135,037	156,112
Coated bristols	51,028	58,777	86,515	87,794	105,938	138,105
Total writing, cotton fiber & thin	387,150	396,881	420,958	405,754	405,584	451,131
Writing, cotton fiber, inc. cotton fiber index	149,142	135,307	131,943	117,835	113,327	117,889
Thin	238,008	261,574	289,015	287,919	292,257	333,242
Packaging & industrial converting paper	5,099,830	5,398,049	5,520,837	5,438,790	5,442,391	5,705,891
Unbleached kraft packaging & industrial converting paper	3,530,342	3,737,123	3,780,373	3,786,493	3,762,998	3,926,848
Wrapping	360,835	378,459	344,503	297,668	285,483	294,197
Shipping sack	938,871	1,023,401	1,022,838	995,581	975,872	996,237
Bag & sack, other than shipping sack	1,586,984	1,689,664	1,791,548	1,897,693	1,910,708	1,942,272
Other converting (18 pounds & over)	643,652	645,599	621,484	595,551	590,935	694,142
Packaging & industrial converting paper except unbleached kraft	1,183,019	1,245,096	1,297,465	1,231,157	1,241,072	1,272,286
Wrapping	217,672	210,532	229,347	219,580	205,736	204,411
Shipping sack, inc. combination kraft & rope, bleached & semi-bleached	89,142	88,783	99,757	97,911	101,870	105,062
Bag & sack, other than shipping sack	185,548	207,837	227,326	218,597	234,678	240,782
Other converting (18 pounds & over) Specialty Packaging	494,538	530,280	524,633	491,786	493,038	488 003
Glassine, greaseproof & vegetable parchment	196,119	207,664	216,402	203,283	205,750	234,028
Special industrial paper	386,469	415,830	442,999	421,140	438,321	506,757
Tissue & other machine creped paper	3,212,544	3,397,056	3,575,152	3,767,983	3,880,574	4,024,207
Sanitary paper	2,954,850	3,156,891	3,341,241	3,548,415	3,660,180	3,796,173
Toilet tissue	1,157,957	1,229,875	1,266,442	1,342,542	1,380,260	1,380,258
Facial tissue, other than toweling, napkin & toilet	341,243	351,431	390,939	374,773	358,302	379,959
Napkin	353,539	369,587	379,876	374,228	387,824	415,590
Toweling, exc. wiper stock, but inc. facial tissue stock for towels	981,393	1,057,510	1,103,411	1,184,956	1,210,277	1,293,132
Sanitary napkin stock wadding Wiper stock Other sanitary stock inc. sanitary napking stock, wadding & wiper stock	120,718	148,488	200,573	271,916	323,517	323,517
Tissue paper, except sanitary & thin	257,694	240,165	233,911	219,568	220,394	228,034

TABLE XXIX (Cont.)

CENSUS DATA

PRODUCTION OF PAPER AND PAPERBOARD 1973 - 1979
(Short Tons)

	1973	1974	1975	1976	1977R**	1978R**	1979P**
ALL GRADES	61,303,971	59,952,523	52,534,896	59,898,446	62,722,456	64,300,395	64,964,498
PAPER	26,482,667	26,673,644	23,319,740	26,611,917	28,095,658	28,505,617	29,296,419
Printing, writing and related papers	16,832,499	16,918,568	14,668,988	16,822,262	17,923,019	18,482,318	19,271,549
Newsprint	3,459,399	*3,394,752	3,476,416	3,399,661	3,525,265	3,488,879	3,797,001
Groundwood paper, uncoated	1,415,855	1,411,021	1,293,753	1,550,209	1,588,585	1,568,985	1,674,338
Publication and printing	1,251,572	1,256,261	1,168,553	1,396,807	1,769,398	1,695,380	1,474,594
Body stock for coating & Other Conv Miscellaneous groundwood	164,283	154,760	125,200	153,402	167,284	214,514	199,794
Coated printing & converting paper	3,814,443	3,973,703	3,317,995	3,966,581	4,215,243	4,513,213	4,674,446
Coated, one side	458,487	500,335	431,212	504,723	454,203E	466,608E	508,382
Coated, two sides	3,355,956	3,473,368	2,886,783	3,461,858	3,761,040E	4,046,605E	4,166,084
Uncoated free sheet	6,448,851	6,457,611	5,242,843	6,430,873	7,035,946	7,315,285	7,508,831
Writing chemical wood pulp	3,127,319	3,400,533	2,683,398	3,263,847	3,523,937	3,588,672	3,505,462
Publication & printing	2,049,254	1,974,867	1,560,719	1,925,223	2,081,994	2,199,277	2,301,217
Body stock for coating	17,814	36,879	839,573	1,058,821	1,233,824	1,308,233	1,446,062
Other converting & misc. book paper	1,049,328	841,062					
Cover and text	205,136	204,270	159,153	182,982	196,191	219,103	255,590
Bleached bristols, exc.cotton fiber, index & bogus	1,209,180	1,184,678	936,391	1,011,571	1,107,941	1,126,995	1,114,030
Tabulating index, tag & file folder	796,132	711,915	593,958	598,993	618,277	623,369	650,501
Other uncoated bristols	190,028	254,617	169,151	203,432	231,929	239,464	226,951
Coated bristols	223,020	218,106	173,282	209,146	257,735	264,162	236,578
Total writing, cotton fiber & thin	484,771	496,803	401,590	463,367	450,041	468,961	503,333
Writing, cotton fiber, inc. cotton fiber index	126,524	118,173	90,830	115,010	111,377	119,204	127,208
Thin	358,247	378,630	310,760	348,357	338,664	349,757	376,125
Packaging & industrial converting paper	5,694,057	5,731,080	4,804,635	5,660,735	5,929,932	5,777,845	5,714,229
Unbleached kraft packaging & industrial converting paper	3,879,215	3,929,219	3,399,106	3,948,716	4,060,648	3,872,452	3,922,911
Wrapping	266,554	226,333	164,873	195,197	217,517	209,937	155,796
Shipping sack	1,071,968	1,278,556	878,850	1,100,273	1,073,132	1,019,476	1,156,442
Bag & sack, other than shipping sack	1,941,944	1,889,277	1,938,161	2,153,962	2,212,043	2,092,231	2,089,913
Other converting (18 pounds & over)	598,749	535,053	417,222	499,284	557,956	550,808	520,760
Packaging & industrial converting paper exc. unbleached kraft	1,204,760	1,203,906	965,109	1,138,466	1,345,640	1,407,555	1,308,488
Wrapping	158,051	143,061	115,333	126,352	136,126	154,760	125,389
Shipping sack, inc. combination kraft & rope, bleached & semi-bleached	104,357	130,223	95,333	127,622	106,798	91,582	96,446
Bag & sack, other than shipping sack	254,170	245,185	227,799	273,912	304,082	272,660	246,620
Other converting (18 pounds & over)	457,716	444,925	335,457	403,368	236,068	264,184	358,537
Specialty packaging					343,886	365,366	265,344
Glassine, greaseproof & vegetable parchment	230,466	240,512	191,187	207,625	218,572	259,003	216,152
Special industrial paper	610,082	597,955	440,420	573,553	523,644	497,838	482,830
Tissue & other machine creped paper	3,950,111	4,023,996	3,846,117	4,128,920	4,242,707	4,245,454	4,310,641
Sanitary paper	3,725,604	3,799,549	3,668,607	3,935,706	4,045,459	4,035,761	4,142,842
Toilet tissue	1,398,369	1,415,417	1,422,007	1,577,879	1,605,420	1,628,850	1,619,969
Facial tissue, other than toweling, napkin & toilet	375,505	395,042	374,310	358,937	364,783	383,230	391,015
Napkin	426,420	438,877	435,729	447,917	469,686	428,858	472,058
Toweling, exc. wiper stock, but inc. facial tissue stock for towels	1,295,682	1,308,057	1,230,316	1,335,459	1,387,825	1,375,200	1,423,591
Sanitary napkin stock wadding					73,425	86,902	
Wiper stock	229,628	242,156	206,245	215,514	48,179	56,940	236,209
Other sanitary stock inc. sanitary napkin stock, wadding & wiper stock					96,141	75,781	
Tissue paper, except sanitary & thin	230,507	224,447	177,510	193,214	197,248	209,693	167,799

P - Preliminary
R - Revised
* - Reflects change in basis weight from 32 lb. to 30 lb.
** - Kraft envelope, bleached kraft and brown kraft reported in other converting and miscellaneous book papers. Before 1977 it is reported in other converting unbleached and bleached kraft papers respectively.

TABLE XXIX (Cont.)

CENSUS DATA

PRODUCTION OF PAPER AND PAPERBOARD 1967 - 1972
(Short Tons)

	1967	1968	1969	1970	1971	1972
PAPERBOARD	22,084,942	24,503,977	26,068,869	25,476,526	26,135,999	28,521,961
Solid wood pulp furnish paperbrd.	15,012,216	17,084,675	18,657,407	18,045,306	19,143,760	21,126,635
Unbleached kraft packaging & industrial converting paperbrd.	9,000,867	10,484,764	11,698,342	11,624,911	11,924,732	13,335,367
Unbleached Linerboard	8,562,570	9,927,035	11,019,183	10,981,936	11,307,376	12,611,604
Corrugating medium	38,864	**	(D)	(D)	(D)	216,222
Folding carton type paperbrd.	200,535	254,000	(D)	(D)	(D)	
Tube, can & drum paperboard	109,706	184,255	179,620	194,372	159,433	507,541
Other unbleached packaging & industrial conv. kraft paperboard	89,192	119,474**	(D)	(D)	(D)	
Bleached packaging & industrial conv. paperboard (85% or more bl. fiber)	3,110,140	3,257,286	3,412,921	3,404,227	3,502,505	3,741,465
Folding carton type paperbrd.	1,206,382	1,304,290	1,434,278	1,394,742	1,435,253	1,637,257
Milk carton paperboard	781,429	868,862	916,400	971,031	989,152	1,006,024
Heavyweight cup stock	369,544	403,830	386,258	368,752	365,110	389,360
Plate, dish & tray	238,563	259,086	270,930	317,093	336,750	350,040
Linerboard	114,612[7]	168,413	138,120[5]	133,491	129,640	139,349
Tube, can & drum paperboard	141,705[7]	30,972	26,182[5]	20,176	246,600	219,435
Other bleached packaging & industrial conv. paperboard & solid groundwood pulp brd.	257,905	221,833	240,753[6]	198,942		
Semi-Chemical paperboard	2,901,209	3,342,625	3,546,144	3,416,168	3,716,523	4,049,803
Combination furnish paperboard	7,072,726	7,419,302	7,411,462	7,031,220	6,992,239	7,395,326
Combination paperboard-shipping containerboard	1,766,320	1,579,232	1,624,297	1,523,063	1,390,641	1,475,971
Linerboard	676,734	454,675	401,877	321,231	263,004	279,148
Corrugating medium	815,206	799,811	939,173	916,336	879,231	942,259
Container chip & filler paperboard	274,380	324,746	283,247	285,496	248,406	254,564
Combination paperboard-bending	2,761,659	2,977,709	2,851,688	2,726,851	2,574,408	2,656,107
Combination paperboard-non-bend	1,067,782	1,122,539	1,164,260	1,042,179	978,640	985,096
Spec.comb.pack.& ind.conv.p'bd	1,476,965	1,739,822	1,771,217	1,739,127	2,048,550	2,278,152
Gypsum linerboard	665,229	811,458	846,911	806,608	936,045	1,053,286
Tube, can and drum stock	449,757	544,837	527,028	572,747	641,531	798,346
Panelboard & wallboard stock	124,135	105,788	112,603	89,700	105,360	115,690
Other special combination packaging & ind. conv.p'bd.	237,844	277,739	284,675	270,072	365,614	379,830
WET MACHINE BOARD	143,984	154,794	147,671	139,055	137,825	147,914
CONSTRUCTION PAPER AND BOARD	3,752,883	4,188,585	4,375,918	4,275,629	5,000,706	5,351,863
Construction paper	1,502,685	1,573,681	1,602,798	1,593,814	1,837,073	1,915,480
Insulation board (31 pounds or less per cubic foot) short tons	1,176,413	1,333,305	1,352,314	1,218,531	1,445,835	1,528,534
Thousand square feet (1/2 inch basis)	3,208,546	3,594,675	3,623,275	3,193,714	3,838,953	3,917,742
Hard pressed board (density 31 pounds or over per cubic foot) short tons	1,073,785	1,281,599	1,420,806	1,463,284	1,717,798	1,907,849
Thousand square feet (1/8 inch basis.)	3,001,501	3,692,869	4,181,695	4,339,982	5,125,876	5,671,232

SOURCE: 1966 - 1977 Bureau of Census

1/ Does not include tube, can, drum and other stock.
2/ Includes bleached lined kraft-backed solid pulp boxboard
3/ Includes some solid wood pulp folding and other boxboard
4/ Includes all tube, can and drum stock.
5/ Includes solid groundwood pulp board.
6/ Does not include solid grounwood pulp board.
7/ As reported. Later data show these totals include tonnages from other grades.

(D) Withheld to avoid disclosing figures for individual companies.
N.A. Not Available
** Unbleached kraft corrugating medium included in other unbleached packaging, etc.
* Data regouped to new Bureau of Census classifications.

Note: The table below shows paperboard production data as reported by Census and API for the years 1966 through 1971

	1967	1968	1969	1970	1971	1972
A.P.I.	22,819,300	24,903,600	26,375,700	25,383,000	26,037,000	28,502,500
Census	22,084,942	24,503,977	26,068,869	25,476,526	26,135,999	28,521,961
Raion: API/Census	103.3%	101.6%	101.2%	99.6%	99.6%	99.9%

TABLE XXIX (Conc.)

CENSUS DATA

PRODUCTION OF PAPER AND PAPERBOARD 1973 - 1979
(Short Tons)

	1973	1974	1975	1976	1977R	1978R	1979P
PAPERBOARD	29,266,546	28,016,871	24,452,103	27,840,401	29,006,071	30,003,470	30,079,168
Solid wood pulp furnish paperbrd.	21,471,284	20,804,637	18,629,551	20,909,956	21,579,949	22,500,085	22,839,163
Unbleached kraft packaging & industrial converting paperbrd.	13,487,022	12,999,417	11,585,915	13,028,046	13,497,710	14,113,468	14,698,549
Unbleached Linerboard	12,666,178	12,196,676	10,884,699	12,170,573	12,660,276	13,215,012	13,684,855
Tube, can & drum paperboard	214,964	212,893	145,020	172,092	179,513	202,450	221,531
Corrugating Medium Folding carton type paperboard Other unbleached packaging & industrial conv. kraft paperboard	605,880	589,848	556,196	685,381	639,921	696,006	792,163
Bleached packaging & industrial conv. paperboard (85% or more bleached fiber)	3,902,959	3,827,195	3,420,585	3,876,472	3,882,930	4,002,311	3,940,175
Folding carton type paperbrd.	1,724,177	1,705,761	1,539,498	1,879,605	1,822,132	1,933,697	1,997,522
Milk carton paperboard	1,056,332	1,055,404	1,052,088	1,049,865	1,040,400	1,048,216	1,090,348
Heavyweight cup stock	416,621	442,196	329,218	369,528	418,908	399,727	345,818
Plate, dish & tray	342,509	322,548	274,789	266,747	295,530	277,454	232,613
Linerboard	178,127	103,764	88,824	103,418	92,863	109,500E	116,435E
Other bl.p'bd. for moist. liquid & oily foods	186,193	197,322	136,168	23,048	52,718	49,661E	23,555
Other solid bl.p'bd for miscellaneous packaging				184,261	54,560	66,696	46,192
Other solid bleached board					105,819	117,360	87,692
Semi-Chemical paperboard	4,081,303	3,978,025	3,623,051	4,005,438	4,199,309	4,384,306	4,200,439
Combination furnish paperboard	7,795,262	7,212,234	5,822,552	6,930,445	7,426,122	7,533,385	7,240,005
Combination paperboard-shipping containerboard	1,741,387	1,765,952	1,129,306	1,470,184	1,908,438	1,980,766	1,768,077
Linerboard	295,389	453,720	196,386	227,238	379,338	331,533	323,940
Corrugating medium	1,204,071	1,114,680	788,161	1,040,487	1,286,234	1,407,691	1,241,917
Container chip & filler paperboard	241,927	197,552	144,759	202,459	242,866	241,542	202,220
Combination paperboard-folding	2,652,197	2,422,629	2,108,199	2,508,392	2,423,106	2,402,742	2,317,100
Combination paperboard-set-up	998,342	796,154	671,710	746,634	716,998	697,152	682,318
Spec. comb.pkg. & ind.conv p'bd.	2,403,336	2,227,499	1,913,337	2,205,235	2,377,580	2,452,725	2,472,510
Gypsum Linerboard	1,051,018	960,093	820,591	963,231	1,098,953	1,185,109	1,179,900E
Tube, can & drum stock	762,988	733,181	630,567	701,691	679,969	601,918	
Panel board & wallboard stock	94,204	67,324	66,683	85,758	113,537	119,312	1,292,610
Other spec.comb.pkg.& ind.conv.	495,126	466,901	395,496	454,555	485,121	546,386	
WET MACHINE BOARD	148,892	143,862	115,169	129,955	128,627	136,337	144,188
CONSTRUCTION PAPER AND BOARD	5,405,866	5,118,146	4,647,884	5,316,173	5,492,095	5,624,971	5,444,723
Construction paper	1,857,529	1,844,866	1,615,542	1,771,422	1,852,076	1,915,015	1,899,899
Insulation board (31 pounds or less per cubic foot) short tons	1,547,351	1,295,218	1,248,811	1,434,339	1,403,065	1,416,262	1,422,027
Thousand square feed (1/2 inch basis)	3,914,076	3,281,821	2,959,795	3,406,733	3,462,451	3,462,997	3,167,654
Hard pressed board (density 31 pounds or over per cubic foot) short tons	2,000,986	1,978,062	1,783,531	2,110,412	2,236,954	2,293,694	2,122,797
Thousand square feet (1/8 inch basis)	6,049,266	5,845,069	5,092,656	6,015,577	6,567,045	7,022,447	7,687,798

N.A. - Not Available
E - Estimate
R - Revised

Note. The table below shows paperboard production data as reported by Census and API for the years 1973 through 1979

	1973	1974	1975	1976	1977	1978	1979
API	29,571,400	28,914,900	24,755,667	28,439,471	28,953,068	30,274,905	31,428,900
Census	29,266,546	28,016,871	24,452,103	27,840,401	29,006,071	30,003,470	30,079,168
Ratio: API/Census	101.0%	103.2%	101.2%	102.2%	99.8%	100.9%	104.5%

TABLE XXX

STATE DATA - 1976

(000 Short Tons)

Geographic Area	Pulpwood Consumption (Cords)*	Wood Pulp Production R	Paper and Paperboard Production: Total All Grades	Paper	Paperboard	Wet Machine Board	Construction Paper & Board
UNITED STATES, TOTAL	73,209	47,721	60,043	26,534	27,960	130	5,419
Northeast	5,877	3,750	10,267	7,042	2,242	84	898
New England	4,089	2,503	4,727	3,806	726	32	162
Maine	3,589c	2,109					
New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	(D)	(D)	N.A.	N.A.	N.A.	N.A.	N.A.
Middle Atlantic	1,780	1,247	5,540	3,235	1,516	52	736
New York	351 (S)	(D)					
New Jersey	49 (S)	(D)	N.A.	N.A.	N.A.	N.A.	N.A.
Pennsylvania	1,034	637					
North Central	5,442	3,937	10,924	5,669	3,911	(D)	(D)
East North Central	4,187	2,865	9,166	4,934	(D)	(D)	726
Ohio	442(H)	407					
Indiana	(D)	(D)					
Illinois	(D)	(D)					
Michigan	783 (H)	804	N.A.	N.A.	N.A.	N.A.	N.A.
Wisconsin	1,323 (H)	1,481					
West North Central	1,255	1,072	1,757	735	(D)	(D)	(D)
Nebraska	-	-					
Minnesota	(D)	907					
Iowa	(D)	(D)	N.A.	N.A.	N.A.	N.A.	N.A.
Missouri	(D)	(D)					
Kansas	-	-	90				
South	47,642	31,639	40,244	10,177	17,586	(D)	(D)
South Atlantic	22,673	14,979	14,193	3,913	9,366	(D)	(D)
Delaware	-	-					
Maryland	(D)	(D)					
Virginia	3,080	2,233					
North Carolina	3,168	(D)	N.A.	N.A.	N.A.	N.A.	N.A.
South Carolina	3,330	2,201					
Georgia	7,771	5,187					
Florida	(D)	3,097					
East South Central	12,028	8,321	7,691	2,744	4,069	(D)	(D)
Kentucky	479 (H)	(D)					
Tennessee	455 (H)	(D)					
Alabama	4,668 (S)	4,304	N.A.	N.A.	N.A.	N.A.	N.A.
Mississippi	2,037 (S)	2,365					
West South Central	12,941	8,338	8,361	3,520	4,151	-	690
Arkansas	(D)	1,220				-	
Louisiana	5,781	3,827	N.A.	N.A.	N.A.	-	N.A.
Oklahoma	(D)	(D)				-	
Texas	2,946	(D)				-	
West	14,247	8,395	8,609	3,645	4,220	-	742
Mountain	1,933	966	1,061	(D)	(D)	-	-
Montana	(D)	(D)				-	-
Idaho	(D)	(D)				-	-
Colorado	-	-	N.A.	N.A.	N.A.	-	-
New Mexico	-	-				-	-
Arizona	(D)	(D)				-	-
Pacific	12,315	7,429	7,548	(D)	(D)	-	743
Washington	5,873	3,399				-	
Oregon	539 (H)	2,780	N.A.	N.A.	N.A.	-	N.A.
California	(D)	(D)				-	
Alaska	(D)	(D)	-	-	-	-	-

SOURCE: Bureau of the Census - Current Industrial Report, Pulp, Paper, and Board 1976. Series:M26A (76) -13 U.S. Department of Commerce, Washington, D.C.

* - 128 Cu. Ft. roughwood basis.

\- - Represents zero.

S - Excluding hardwood pulpwood. H - Excluding softwood pulpwood.

(D)- Withheld by Commerce Department to avoid disclosure.

N.A. - Not Available.

R - Revised Current Industrial Report 1977

c - Corrected

TABLE XXX (Cont.)

STATE DATA - 1977

(000 Short Tons)

Geographic Area	Pulpwood Consumption (Cords)*	Wood Pulp Production	Paper and Paperboard Production				
			Total All Grades	Paper	Paperboard	Wet Machine Board	Construction Paper & Board
UNITED STATES, TOTAL	73,970.6	49,032.6	61,869	27,491	28,727	128	5,523
Northeast	5,948.9	3,916.8	10,413	7,169	2,238	83	924
New England	4,113.3	2,636.6	4,842	3,910	734	30	168
Maine	3,500.1	2,182.5	2,894	2,834	(D)	(D)	(D)
New Hampshire	613.2	454.1	518	318	(D)	(D)	(D)
Vermont			(D)	(D)	(B)	-	(D)
Massachusetts			781	505	261	(D)	(D)
Rhode Island			(D)	-	-	-	(D)
Connecticut			350	(D)	228	(D)	(D)
Middle Atlantic	1,835.6	1,280.2	5,571	3,258	1,504	53	756
New York	341.0(S)	560.2	2,028	1,554	349	-	125
New Jersey	50.9(S)	87.6	1,057	252	537	(D)	(D)
Pennsylvania	1,032.6	632.4	2,486	1,452	618	(D)	(D)
North Central	5,472.9	4,012.7	11,285	5,904	4,028	(D)	(D)
East North Central	4,207.3	2,919.5	9,457	5,097	(D)	(D)	727
Ohio	444.7(H)	411.9	2,024	872	1,076	-	76
Indiana	124.1(H)	174.6	532	(D)	478	-	(D)
Illinois			1,029	(D)	489	(D)	(D)
Michigan	834.2(H)	862.4	2,441	1,141	(D)	-	(D)
Wisconsin	2,419.9	1,470.7	3,432	2,899	(D)	-	(D)
West North Central	1,265.6	1,093.2	1,828	808	(D)	-	(D)
Nebraska	-	-	-	-	-	-	-
Minnesota	(D)	931.9	1,464	808	(D)	-	(D)
Iowa	(D)	(D)	141	-	(D)	-	(D)
Missouri	(D)	(D)	137	-	(D)	-	(D)
Kansas	-	-	86	-	(D)	-	(D)
South	47,485.8	32,180.0	31,121	10,578	18,017	(D)	(D)
South Atlantic	22,817.4	15,397.5	14,391	3,920	9,523	(D)	(D)
Delaware	-	-	(D)	(D)	(D)	-	-
Maryland	(D)	(D)	529	(D)	115	-	(D)
Virginia	3,099.7	2,220.0	2,440	(D)	1,568	(D)	(D)
West Virginia	(D)	(D)	(D)	-	(D)	-	-
North Carolina	3,318.5	(D)	2,123	(D)	1,020	-	(D)
South Carolina	3,180.8	2,216.9	2,158	(D)	1,604	-	(D)
Georgia	7,622.2	5,163.8	4,720	919	3,431	-	372
Florida	(D)	3,108.5	2,333	(D)	1,714	-	(D)
East South Central	12,037.3	8,327.6	7,953	2,990	4,115	(D)	(D)
Kentucky	(D)	(D)	(D)	(D)	(D)	-	-
Tennessee	434.0(H)	(D)	1,678	(D)	815	-	(D)
Alabama	6,402.1	4,273.9	4,143	1,823	(D)	-	(D)
Mississippi	1,940.2(S)	2,415.7	(D)	(D)	(D)	-	(D)
West South Central	12,631.2	8,454.8	8,777	3,668	4,379	-	730
Arkansas	(D)	1,211.1	1,755	(D)	(D)	-	(D)
Louisiana	5,879.7	3,837.7	3,878	1,611	(D)	-	(D)
Oklahoma	(D)	3,406.0	1,016	(D)	(B)	-	(D)
Texas	3,143.2		2,128	1,101	817	-	(D)
West	15,063.0	8,923.0	9,050	3,840	4,443	-	766
Mountain	2,019.0(S)	1,071.1	1,143	(D)	(D)	-	-
Montana	(D)	(D)	(D)	-	(D)	-	-
Idaho	(D)	(D)	(D)	(D)	(D)	-	-
Colorado	-	-	(D)	-	(D)	-	-
New Mexico	-	-	-	-	-	-	-
Arizona	(D)	(D)	(D)	(D)	(D)	-	-
Utah	(D)	(D)	(D)	(D)	(D)	-	-
Pacific	13,044.0	7,852.0	7,907	(D)	(D)	-	766
Washington	6,275.0	3,576.1	2,688	1,681	(D)	-	(D)
Oregon	4,176.2(S)	2,998.5	3,186	1,444	1,324	-	419
California	(D)	1,277.4	2,033	(D)	1,169	-	(D)
Alaska	(D)		-	-	-	-	-

SOURCE: Bureau of the Census - Current Industrial Report, Pulp, Paper and Board 1977. Series: M26A (77) -13 U.S. Department of Commerce, Washington, D.C.

* - 128 Cu.Ft. roughwood basis.

- - Represents zero.

(S) Excluding hardwood pulpwood. H - Exclusing softwood pulpwood.

(D) - Withheld by Commerce Department to avoid disclosure.

TABLE XXX (Cont.)

STATE DATA - 1978

(000 Short Tons)

Geographic Areas	Pulpwood Consumption (Cords)*	Wood Pulp Production	Paper and Paperboard Production: Total All Grades	Paper	Paperboard	Wet Machine Board	Construction Paper & Board
UNITED STATES, TOTAL	74,179,985	49,694,040	64,300,395	28,505,617	30,033,470	136,337	5,624,971
Northeast	6,500,577	4,069,961	10,981,683	7,613,994	2,348,551	87,822	931,316
New England	4,124,141	2,597,079	5,094,434	4,096,599	800,140	29,045	168,850
Maine	3,552,467	2,149,447	2,946,800	2,883,574	254,834 3/	(D)	(D)
New Hampshire	[	[	513,479	310,410		(D)	-
Massachusetts	-	-	881,141	617,578	249,365	(D)	(D)
Vermont	571,654	9,632	[1,552,180	[1,955,586	-	-	(D)
Rhode Island							(D)
Connecticut	]	]	426,507		295,941	(D)	(D)
Middle Atlantic	2,376,436	1,472,864	5,887,249	3,517,595	1,548,411	58,777	762,466
New York	318,397S	549,146	2,079,542	1,604,275	355,418	-	119,849
New Jersey	56,619S	95,473	1,285,409	405,830	579,983	(D)	642,617
Pennsylvania	701,049S	827,975	2,522,298	1,507,490	613,010	(D)	
North Central	5,491,521	4,112,199	11,987,759	6,387,744	4,228,606	1,371,409	
East North Central	4,226,450	2,990,754	10,128,846	5,542,884	3,827,880		758,082
Ohio	(D)	428,113	2,114,874	933,235	1,102,200	-	79,439
Indiana	(D)	[	571,131	[	517,106	-	(D)
Illinois	70,230H	153,879	1,093,889	197,280	519,433	(D)	(D)
Michigan	903,019H	922,907	2,541,946	1,261,415	(D)	-	(D)
Wisconsin	2,371,323	1,485,855	3,806,996	3,150,954	(D)	-	(D)
West North Central	1,265,071	1,121,445	1,858,913	844,860	(D)	-	(D)
Minnesota	779,303H	946,336	1,444,241	(D)	(D)	-	(D)
Iowa	(D)	[	150,164	-	(D)	-	(D)
Missouri	(D)	175,109	180,278	(D)	(D)	-	(D)
Kansas	-	-	84,230	-	(D)	-	(D)
South	48,821,336	33,630,787	32,906,226	11,069,031	19,239,667	2,597,528	
South Atlantic	23,702,873	16,442,049	15,621,395	4,167,569	10,424,433	1,029,393	
Delaware	-	-	105,575 2/	(D)	(D)	-	-
Maryland	(D)	(D)	546,906	(D)	(D)	-	(D)
Virginia	1,535,841H	2,275,208	2,666,397	(D)	1,703,892	(D)	(D)
West Virginia	-	-	(D)	-	(D)	-	-
North Carolina	3,549,077	2,861,257 1/	2,364,599	(D)	1,126,970	-	(D)
South Carolina	3,518,165	2,474,251	2,338,893	(D)	1,784,167	-	(D)
Georgia	7,872,542	5,419,982	4,989,686	961,020	3,650,890	-	377,776
Florida	4,714,707S	3,411,351	2,609,339	(D)	1,951,319	-	(D)
East South Central	11,899,439	8,393,021	8,105,167	3,000,169	4,234,510	970,488	
Kentucky	(D)	[	(D)	(D)	(D)	-	-
Tennessee	429,432H	1,686,864	1,765,936	(D)	890,444	-	69,182
Alabama	6,459,298	4,322,765	4,172,689	1,779,428	(D)	-	(D)
Mississippi	1,862,736S	2,383,392	(D)	(D)	(D)	-	(D)
West South Central	13,219,024	8,795,717	9,179,664	3,901,293	4,580,724	-	697,647
Arkansas	597,711H	1,297,123	2,022,516	(D)	(D)	-	(D)
Louisiana	6,341,705	3,831,669	3,813,699	1,600,102	(D)	-	(D)
Oklahoma	(D)	[	1,016,034	-	(D)	-	(D)
Texas	3,522,042	3,666,925	3,237,415	(D)	878,501	-	(D)
West	12,783,919	7,881,093	8,424,727	3,438,848	4,216,646	-	773,233
Mountain	1,895,162	1,082,460	1,116,014	(D)	(D)	-	-
Montana	(D)	(D)	(D)	-	(D)	-	-
Idaho	(D)	(D)	(D)	(D)	(D)	-	-
Colorado	-	-	(D)	(D)	(D)	-	-
New Mexico	-	-	-	-	-	-	-
Arizona	(D)	(D)	(D)	(D)	(D)	-	-
Utah	-	-	(D)	-	(D)	-	-
Pacific	11,461,757	6,798,633	7,308,713	(D)	(D)	-	773,233
Washington	5,176,829	2,849,113	2,198,922	1,346,054	(D)	-	(D)
Oregon	3,961,897S	2,792,091	3,071,765	1,288,138	1,380,879	-	402 748
California	1,495,874S	[	2,038,026	(D)	1,081,242	-	(D)
Alaska	558,363	1,157,429	-	-	-	-	-

SOURCE: Bureau of the Census - Current Industrial Report, Pulp, Paper, and Board 1978 Series: M26A(78) -13 U.S. Department of Commerce, Washington, D.C.

* - 128 Cu. Ft. roughwood basis.

- - Represents zero.

S - Softwood pulpwood only, excludes hardwood pulpwood H - Hardwood pulpwood only, excludes softwood pulpwood

(D) - Withheld by Commerce Department to avoid disclosure

1/ - Includes wood pulp production in Maryland 2/ Includes paper and paperboard production in West Virginia

3/ - Vermont paperboard production included in Maine-New Hampshire total.

TABLE XXXI
VALUE OF SHIPMENTS OF PRODUCT CLASSES
1974 - 1977

(Millions of Dollars)

CODE		1974	1975	1976	1977P
26	PAPER AND ALLIED PRODUCTS	$40,108.3R	$40,051.8	$46,322.1	$49,941.6
2611-	Pulp	2,386.9	2,309.6	2,521.4	2,482.9
26111	Special Alpha and Dissolving Woodpulp	535.3	491.3	562.2	570.5
26112	Other Pulp, Including Byproducts, Except Tall Oil	1,850.8	1,816.8	1,957.6	1,912.1
26110	Pulp, N.S.K.	0.8	1.6	1.6	0.3
2621-	Papermill Products, except Building Paper	9,574.7	9,368.4	11,361.6	12,613.8
26211	Newsprint	669.9	828.2	898.5	981.6
26212	Groundwood Paper, Uncoated	361.5	402.5	480.4	560.8
26213	Coated Printing and Converting Paper	1,611.1	1,473.0	1,953.2	2,285.0
26214	Book Paper, Uncoated	1,238.4	1,073.3	1,358.4	3,340.7*
26215	Bleached Bristols (Exc. Cotton Fiber)	384.1	355.0	415.4	488.7
26216	Writing and Related Papers	2,016.2	1,771.5	2,217.4	*
26216(77)	Cotton Fiber and Thin				476.6
26217	Unbleached Kraft Packaging and Ind. Con. Paper	951.6	873.2	1,040.5	1,119.7
26218	Packaging and Ind. Con. Paper, Exc. Kraft	499.5	438.8	519.4	601.7
26219	Special Industrial Paper	433.7	387.7	464.3	436.5
26210	Tissue Paper	1,408.7	1,765.2	2,014.1	2,218.4
26210	Paper N.S.K.				105.1
2631-	Paperboard Mill Products	5,503.6	5,251.7	6,207.5	6,400.4
26311	Unbleached Kraft Packaging and Ind. Con. Paperboar	2,311.4	2,238.7	2,635.1	2,721.1
26312	Bleached Packaging and Ind. Con. Paperboard	1,020.4	1,092.6	1,330.9	1,327.5
26313	Semichemical Paperboard	627.0	654.0	751.9	739.3
26314	Combination Furnish Paperboard	1,455.8	1,186.6	1,379.3	1,489.3
26318	Wet Machine Board	71.5	69.0	77.6	59.3
26310	Paperboard Mill Products, N.S.K.	(17.5)	(10.7)	32.7	63.9
2641-	Coated and Glazed Paper	2,349.6	2,198.4	2,653.0	3,004.3
26411	Printing Paper Coated	144.7	145.3	174.7	193.9
26412	Oiled, Waxed and Wax-Laminated Paper	199.1	216.3	242.8	203.5
26413	Gummed Products	185.7	163.5	167.5	176.4
26414	Pressure Sensitive Tape and Labels (Unprinted)	794.4	732.6	889.7	1,163.7
26417	Laminated or Coated Rolls and Sheets for Packaging Uses	507.7	481.3	601.5	719.2
26418	Other Coated and Processed Paper, Except for Packaging and Waxed	493.5	457.1	570.6	391.6
26410	Coated and Glazed, N.S.K.	(24.5)	(2.3)	(6.2)	156.0
26420	Envelopes	(812.8)	805.5	842.8	969.1
2643-	Bags, Except Textile Bags	2,837.9	2,915.3	3,248.1	3,197.1
26431	Grocers' and Variety Bags	765.3	773.3	814.7	800.3
26432	Specialty Bags and Liners	1,222.6	1,419.5	1,602.5	1,523.4
26433	Shipping Sacks and Multiwall Bags	668.0	569.6	663.2	670.8
26430	Bags, Except Textile Bags, N.S.K.	(182.0)	(152.9)	(167.8)	202.6
2645-	Die-Cut Paper and Board	884.3	882.2	983.2	986.7
26451	Office Supplies and Misc. Products	474.9	469.3	513.2	476.3
26452	Pasted, Lined, Laminated, or Surface Coated Paperboard	399.5	402.1	446.6	409.2
26450	Other	(9.9)	(10.8)	(23.4)	101.2
2646-	Pressed and Molded Pulp Goods	201.0	203.3	218.9	237.6
26461	Bituminous Fiber Pipe, Molded Pulp or Paper Mache	19.4	13.9	(D)	(D)
26462	Other Pressed and Molded Pulp Goods	181.6	188.2	(208.4)	228.6
26460	Pressed and Molded Pulp Goods, N.S.K.	-	(1.2)	(D)	(D)
2647-	Sanitary Paper Products	3,040.7	3,647.1	4,186.7	4,527.7
26471	Sanitary Napkins and Tampons	331.2	384.0	445.6	597.1
26472	Sanitary Tissue Health Products	2,692.7	3,257.9	3,720.3	3,905.5
26470	Sanitary Paper Products, N.S.K.	16.8	5.1	20.8	25.1
2648-	Stationery Products	486.2R	483.1	509.9	627.1
26481	Stationery	119.9	128.9	129.9	140.6
26482	Tablets and Related Products	351.4	344.6	371.8	421.9
26480	Stationery Products, N.S.K.	(14.9)R	(9.6)	(8.2)	64.6
2649-	Converted Paper Products (Gift Wrap, Etc.)	1,073.3	1,107.4	1,267.4	1,479.4
26492	Wrapping Products (Gift Wrap, Etc.)	(241.3)	(217.5)	(271.2)	250.0
26493	Wallpaper	181.4	(187.0)	(207.2)	174.6
26495	Other Converted Paper and Board Products	653.8	700.4	783.2	844.0
26490	Converted Paper Products, N.S.K.	(3.2)R	(2.5)	(5.8)	210.8
26510	Bending Paperboard, Nonfolded packaging items, Products except Liquid, Moist, Oily, or Perishable foods	1,806.6	1,874.7	2,162.3	2,343.1
26520	Setup Paperboard Boxes	400.1	343.7	405.7	394.9
26530	Corrugated and Solid Fiber Boxes, Incl. Pallets	5,867.4	5,733.4	6,530.2	7,181.7
2654-	Sanitary Food Containers	1,506.3	1,616.0	1,743.9	1,931.7
26541	Milk and Other Beverage Cartons	383.6	468.0	472.6	479.2
26542	Cups and Liquid-Tight Food Containers	506.5	535.1	601.6	605.7
26543	Other Sanitary Food Containers, Boards, and Trays	612.5	609.5	662.0	831.4
26540	Sanitary Food Containers, N.S.K.	(3.6)	(3.4)	(7.7)	35.4
2655-	Fiber Cans, Drums, and Related Material	908.8	907.9	1,000.1	1,038.6
26551	Paperboard Fiber Drums	207.9	191.5	212.6	226.4
26552	Fiber Cans, Tubes, and Similar Fiber Products	681.4	700.0	760.9	778.3
26550	Fiber Cans, Drums, and Related Material N.S.K.	(19.5)	16.4	26.6	33.9
2661-	Building Paper and Board	468.1	404.1	479.4	505.5
26611	Insulating Board	205.5	170.3	205.2	217.5
26612	Construction Paper	256.5	225.6	262.6	287.7
26610	Building Paper and Board, N.S.K.	6.1	(8.3)	(11.6)	0.3

SOURCE: 1974, 1975, 1976 Survey of Manufactures
1977 Census of Manufactures-Preliminary Reports
Bureau of the Census
* Uncoated Free Sheet = Uncoated Book plus Writing and Related

N.S.K. - Not Specifically Known
( ) - Largely estimated

TABLE XXXII

IMPORTS

WOOD PULP, PAPER, PAPERBOARD AND PRODUCTS

	1974		1975		1976	
	Tons	$ 000	Tons	$ 000	Tons	$ 000
TOTAL ALL GRADES	12,277,089	2,884,670	9,402,617	2,647,608	10,975,432	3,260,982
WOOD PULP, ALL GRADES, TOTAL	4,123,159	1,097,914	3,077,729	1,006,843	3,727,165	1,197,746
Dissolving and Special Alpha	226,115	62,731	143,008	46,844	190,801	61,891
Sulphite, Paper Grades, Total	572,193	160,765	358,984	112,285	435,512	129,810
Bleached	451,003	129,695	298,929	95,680	359,634	110,417
Unbleached	121,190	31,070	60,055	16,605	75,878	19,393
Sulphate, Paper Grades, Total	3,089,064	839,049	2,405,657	818,118	2,919,309	975,048
Bleached	2,585,981	713,826	2,131,880	729,124	2,558,269	861,021
Semi-Bleached	160,995	42,190	103,728	34,123	112,313	36,336
Unbleached	342,088	83,033	170,049	54,872	248,727	77,691
Soda	1,628	400	1,056	371	749	264
Groundwood	180,043	24,578	144,707	22,219	156,817	23,823
Other*	54,116	10,391	24,317	7,005	23,977	6,910
WASTE PAPER	88,927	11,173	71,963	5,978	106,444	10,104
PAPER, PAPERBOARD AND PRODUCTS, TOTAL	8,065,003	1,743,818	6,252,925	1,605,780	7,141,823	2,019,267
PAPER AND PAPERBOARD, TOTAL	8,005,205	1,676,314	6,217,068	1,543,709	7,079,675	1,919,532
PAPER, TOTAL	7,876,397	1,651,605	6,121,119	1,524,245	6,966,448	1,894,085
Newsprint	7,398,333	1,484,121	5,847,239	1,418,141	6,569,345	1,741,549
Uncoated Printing & Conv. Paper	304,829	88,639	203,592	62,420	323,451	101,686
Groundwood, Uncoated	116,823	30,705	88,107	25,929	141,784	43,716
Book, Uncoated	188,006	57,934	115,484	36,488	181,667	57,970
Coated and Impregnated Paper	Included in Products					
Writing & Related Paper, Total	25,286	24,424	13,126	19,896	15,575	25,350
Writing Papers	7,583	8,622	4,287	6,423	3,511	6,769
Thin Paper	16,962	14,442	8,112	11,840	11,183	16,669
Other Fine Paper	741	1,360	727	1,632	881	1,912
Bristols	3,527	1,489	730	345	626	404
Packaging & Industrial Converting Paper, Total	142,396	50,815	54,144	20,463	56,360	23,556
Unbleached Kraft	100,978	32,488	36,363	10,890	28,966	8,832
Other Packaging & Converting	37,584	15,406	15,483	7,475	23,364	11,240
Glassine & Greaseproof	3,709	2,759	2,207	1,921	3,838	3,199
Vegetable Parchment	125	162	90	177	192	285
Special Industrial Paper	2,002	2,053	2,284	2,936	1,086	1,531
Tissue Paper	24	64	4	44	5	9
PAPERBOARD, TOTAL	34,208	7,470	7,772	2,241	13,084	3,560
Test or Containerboard	10,203	2,354	164	46	4,306	771
Semi-Chemical Corrugating	-	-	-	-	-	-
Other Paperboard	24,005	5,116	7,607	2,196	8,778	2,789
WET MACHINE BOARD	5,899	2,957	3,814	2,551	6,988	4,239
CONSTRUCTION PAPER & BOARD, TOTAL	88,701	14,282	84,363	14,672	93,155	17,648
Building Paper	60,202	9,822	69,235	12,127	74,149	14,630
Insulating and Other Building Board	28,499	4,460	15,128	2,545	19,006	3,020
PAPER AND PAPERBOARD PRODUCTS, TOTAL	59,798	67,504	35,857	62,071	62,148	99,735
PAPER PRODUCTS, TOTAL	56,846	63,465	34,201	59,004	60,086	95,983
Printing & Book Paper	7,588	21,438	6,770	19,813	11,536	33,843
Writing & Related Paper	29,458	19,184	12,107	15,088	28,227	27,169
Special Industrial Paper	12,798	18,980	12,285	22,277	11,566	29,959
Tissue Paper	7,002	3,863	3,039	1,826	8,756	5,011
PAPERBOARD PRODUCTS, TOTAL	2,952	4,039	1,656	3,064	2,061	3,752
Hard Pressed Board (Not in totals)	250,003	35,463	92,448	12,107	168,935	22,683

* Includes Mixtures and Screenings

NOTE: Dollar figures for the value of shipments for which no tonnage figures were given are shown below. They are not included in the sub-totals, but are in the Total All Grades: ($ 000)

31,765 29,007 33,865

TABLE XXXII (Cont.)

IMPORTS

WOOD PULP, PAPER, PAPERBOARD AND PRODUCTS

	1977		1978		1979	
	Tons	$ 000	Tons	$ 000	Tons	$ 000
TOTAL ALL GRADES	11,388,320	3,527,212	13,155,023	3,977,330	13,519,117	4,767,235
WOOD PULP, ALL GRADES, TOTAL	3,864,33-	1,176,867	4,024,156	1,086,348	4,317,522	1,463,168
Dissolving and Special Alpha	180,270	55,988	188,714	56,173	193,114	67,993
Sulphite, Paper Grades, Total	510,263	150,515	484,455	137,433	592,876	206,243
Bleached	453,553	135,778	417,002	120,810	480,609	171,802
Unbleached	56,710	14,737	67,453	16,623	112,267	34,441
Sulphate, Paper Grades, Total	2,970,264	935,608	3,143,221	853,073	3,330,202	1,142,638
Bleached	2,587,686	826,568	2,813,033	769,668	3,011,959	1,042,501
Semi-Bleached	137,936	43,133	130,335	34,865	150,196	50,948
Unbleached	244,642	65,907	199,853	48,540	168,047	49,689
Soda	928	272	**	**	**	**
Groundwood	154,538	26,897	161,594	28,362	162,509	35,601
Other *	48,070	7,585	46,172	11,306	38,821	12,694
WASTE PAPER	91,680	9,100	17,783	1,294	78,395	11,189
PAPER, PAPERBOARD AND PRODUCTS, TOTAL	7,432,307	2,296,869	9,113,080	2,813,639	9,123,200	3,208,026
PAPER AND PAPERBOARD, TOTAL	7,348,464	2,174,577	9,023,644	2,639,761	9,027,147	2,984,897
PAPER, TOTAL	7,181,471[1/]	2,138,744	8,591,591	2,562,381	8,559,716	2,896,107
Newsprint	6,558,967	1,884,121	7,483,720	2,111,649	7,222,701	2,300,450
Uncoated Printing & Conv. Paper	406,586	141,186	724,807	255,753	947,270	365,287
Groundwood, Uncoated	178,119	61,735	521,603	177,009	804,596	285,996
Book, Uncoated	228,467	79,448	203,204	78,744	142,674	69,291
Coated and Impregnated Paper	111,678	51,193	213,658	109,203	188,846	108,590
Writing & Related Paper, Total	20,685	29,079	19,045	19,932	40,144	36,604
Writing Papers	7,255	8,448	10,785	11,791	25,220	24,547
Thin Paper	12,573	18,455	7,307	5,648	14,924	12,057
Other Fine Paper	857	2,176	954	2,493	-	-
Bristols	491	324	618	427	2,247	1,243
Packaging & Industrial Converting Paper, Total	82,049	31,548	130,727	57,448	137,914	69,686
Unbleached Kraft	29,823	8,911	64,623	19,292	66,816	24,351
Other Packaging & Converting	48,853	19,602	67,131	33,282	65,550	39,295
Glassine & Greaseproof	3,348	2,960	4,906	4,645	5,475	5,614
Vegetable Parchment	23	99	66	229	67	226
Special Industrial Paper	978	1,266	1,097	1,603	3,282	4,525
Tissue Paper	37	28	11,919	6,366	17,512	9,722
PAPERBOARD, TOTAL	28,108	6,284	99,845	18,246	82,203	19,111
Test or Containerboard	14,793	2,502	31,860	5,186	25,725	6,021
Semi-Chemical Corrugating	-	-	-	-	33,494	5,889
Other Paperboard	13,315	3,784	67,985	13,060	22,984	7,201
WET MACHINE BOARD	3,608[2/]	1,719[2/]	2,614	1,440	2,345	1,341
CONSTRUCTION PAPER & BOARD, TOTAL	135,274	27,830	329,594	57,694	382,883	68,338
Building Paper	92,273	20,497	271,872	47,018	330,147	56,768
Insulating and Other Building Board	43,000	7,332	57,723	10,676	52,736	11,570
PAPER AND PAPERBOARD PRODUCTS, TOTAL	83,843[1/]	122,292[1/]	89,440	173,878	96,053	223,129
PAPER PRODUCTS, TOTAL	82,054[1/]	117,883[1/]	83,043	162,788	90,246	211,682
Printing & Book Paper	12,787	40,283	15,544	56,123	17,425	69,385
Writing & Related Paper	33,582[1/]	32,746	58,406	95,561	49,708	78,857
Special Industrial Paper	10,936	30,719	6,690	8,928	19,657	59,180
Tissue Paper	24,749	14,135	2,403	2,176	3,456	4,260
PAPERBOARD PRODUCTS, TOTAL	1,790	4,408	6,397	11,090	5,807	11,447
Hard Pressed Board (Not in totals)	210,581	29,889	295,729	40,716	262,229	39,607

* Includes Mixtures and Screenings

** Included with Sulphate Pulp Imports

1/ Coated and Impregnated Printing Papers included in Primary Coated Papers, in earlier years they were in Paper Products.

2/ Excludes imports of Leatherboard, which are included in earlier years.

NOTE: Dollar figures for the value of shipments for which no tonnage figures were given are shown below. They are not included in the sub-totals, but are in the Total, All Grades: ($ 000)

44,376 76,054 82,849

TABLE XXXIII

EXPORTS

WOOD PULP, PAPER, PAPERBOARD AND PRODUCTS

	1974		1975		1976 [7]	
	Tons	$ 000	Tons	$ 000	Tons	$ 000
TOTAL ALL GRADES	7,977,306	2,511,202	6,598,586	2,416,895	7,314,527	2,600,847
WOOD PULP ALL GRADES, TOTAL	2,802,429	820,441	2,564,536	875,512	2,517,566	844,429
Dissolving and Special Alpha	787,830	259,570	692,466	270,305	730,254	288,759
Sulphite, Paper Grades, Total	310,574	87,296	268,622	89,803	193,690	62,039
Bleached	285,970	80,914	245,789	84,133	181,276	58,432
Unbleached	24,604	6,382	22,833	5,670	12,414	3,607
Sulphate, Paper Grades, Total	1,686,906	471,793	1,561,707	502,845	1,519,731	472,035
Bleached	1,641,916	412,792	1,336,787	453,645	1,301,183	429,816
Semi-Bleached	89,150	19,572	128,997	25,688	105,153	25,737
Unbleached	155,860	39,429	95,923	23,512	113,395	21,432
Mechanical, Semi-Chemical & Other	17,119	1,781	41,741	12,559	73,891	21,596
COTTON PULP & OTHER FIBRE	70,340	37,656	56,691	33,082	69,554	36,202
WASTE PAPER	1,307,114	167,186	861,388	76,396	1,272,736	116,154
PAPER, PAPERBOARD AND PRODUCTS, TOTAL	4,797,823	1,407,754	4,113,071	1,314,954	3,450,671	1,499,683
PAPER AND PAPERBOARD, TOTAL	3,457,637	1,182,164	2,828,754	1,085,131	3,128,828	1,234,962
PAPER, TOTAL	908,611	526,755	947,342	546,201	928,421	590,215
Newsprint	188,139	53,095	165,074	51,621	126,519	41,237
Uncoated Groundwood	53,307	30,097	74,682	37,992	70,616	38,817
Coated Printing & Converting Paper	98,815	62,135	122,789	75,823	166,071	76,847
Coated Groundwood	32,034	18,219	41,593	24,187	30,567	23,689
Coated Book	66,381	43,916	81,191	51,636	70,104	53,158
Uncoated Book	40,047	20,470	34,803	20,953	42,062	27,601
Writing and Related Papers, Total	103,455	150,519	173,143	165,150	206,192	199,314
Writing Paper	96,896	37,194	93,057	67,351	103,877	63,782
Cigarette (See also Products)	2,397	3,306	2,308	3,828	3,140	4,673
Other Writing and Related Papers	104,062	110,021	77,778	93,971	99,175	130,859
Bristols	-	-	-	-	-	-
Unbleached Kraft Packaging & Industrial Conv. Papers, Total	183,942	74,187	220,293	74,778	218,973	74,740
Unbleached Kraft exc. Shipping Sack	100,665	41,846	90,161	30,414	73,617	28,204
Shipping Sack Paper	33,735	12,309	78,545	26,443	68,022	17,573
Kraft Paper & Paperboard Uncoated, n.e.c.	69,533	20,032	51,587	17,921	82,335	28,963
Glassine, Greaseproof & Vegetable Parchment	8,089	5,277	11,111	4,945	10,661	7,875
Other Packaging & Industrial Converting Papers	31,750	22,237	36,079	20,332	25,183	16,860
Special Industrial Paper, Total	116,856	94,524	78,667	78,083	101,798	99,318
Special Industrial	89,133	67,440	61,959	57,466	82,046	75,593
Absorbent Papers	27,723	27,084	16,708	20,617	19,153	23,926
Tissue Paper, Total	24,391	14,216	30,705	17,025	19,746	13,406
Sanitary Tissue	20,768	11,198	28,308	14,705	17,509	10,972
Other Tissue	3,623	3,018	2,397	2,320	2,237	2,434
PAPERBOARD TOTAL	2,471,497	628,825	1,807,702	516,556	2,133,584	613,740
Kraft Linerboard	1,743,135[b]	403,830	1,224,211[b]	309,397	1,419,361	340,724
Other Kraft Paperboard	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Corrugating Medium	70,708	15,592	36,790	6,819	55,275	10,664
Bleached Packaging Paperboard, Total	374,642	110,620	284,203	113,467	352,638	147,184
Special Food Board	83,502	26,378	72,957	28,696	90,858	35,701
Special Food Board Impregnated or Coated	126,866	39,232	134,461	55,459	199,102	86,337
Kraft Paperboard, n.e.c.[a]	164,274	51,010	76,785	29,312	62,618	25,066
Recycled Furnish Paperboard, Total	283,012	92,783	202,491	86,873	306,310	115,168
Boxboard & Related Boards	108,237	34,741	132,506	40,456	109,229	41,892
Special Paperboard	113,815	38,397	90,010	29,473	144,166	50,785
Other Paperboard	60,960	19,644	39,968	16,943	52,915	22,491
WET MACHINE BOARD	11,287	5,907	8,136	3,740	8,617	4,478
CONSTRUCTION PAPER & BOARD, TOTAL	60,282	21,176	59,574	18,634	60,206	20,528
Building Paper	25,802	9,040	27,211	9,133	29,527	8,868
Insulating Board	40,440	12,136	32,363	9,501	30,679	11,660
PAPER AND PAPERBOARD PRODUCTS, TOTAL	339,786	225,530	295,217	229,823	325,843	264,721
PAPER PRODUCTS, TOTAL	147,600	143,708	148,696	156,257	168,153	183,397
Cigarette Paper Cut to Size, Books, etc.	15,060	19,366	17,480	27,042	16,584	27,213
PAPERBOARD PRODUCTS, TOTAL	192,186	81,882	146,522	73,566	157,690	81,324
Hard Pressed Board (Not in Totals)	59,200	15,817	55,397	15,897	65,735	20,361

NOTE: Dollar figures for the value of shipments for which no tonnage figures were given are shown below. They are not included in the sub-totals, but are in the Total, All Grades: ($ 000)

	98,166	116,951	106,379

TABLE XXXIII (Cont.)

EXPORTS

WOOD PULP, PAPER, PAPERBOARD AND PRODUCTS

	1977		1978		1979	
	Tons	$ 000	Tons	$ 000	Tons	$ 000
TOTAL ALL GRADES	7,454,519	2,542,305	7,659,629	2,578,909	8,971,709	3,358,211
WOOD PULP ALL GRADES, TOTAL	2,640,052	875,027	2,598,952	817,102	2,934,815	1,103,783
Dissolving and Special Alpha	795,709	316,488	757,486	304,841	764,466	345,076
Sulphite, Paper Grades, Total	200,722	60,051	210,479	63,154	256,880	94,808
Bleached	192,455	57,983	190,380	58,971	218,950	80,696
Unbleached	8,267	2,069	20,099	4,183	37,930	14,272
Sulphate, Paper Grades, Total	1,562,381	478,895	1,508,720	436,420	1,843,213	647,555
Bleached	1,293,954	410,569	1,400,209	390,434	1,642,320	583,510
Semi-Bleached	164,166	49,062	92,969	26,876	106,874	33,807
Unbleached	104,261	19,264	75,542	15,010	106,019	30,242
Mechanical, Semi-Chemical & Other	81,200	19,591	62,267	12,787	70,256	18,804
COTTON PULP & OTHER FIBRE	72,584	39,203	88,481	47,987	141,444	74,579
WASTE PAPER	1,512,417	132,798	1,599,949	145,884	2,233,246	250,107
PAPER, PAPERBOARD AND PRODUCTS, TOTAL	3,629,560	1,393,749	3,872,747	1,760,453	4,672,203	1,913,900
PAPER AND PAPERBOARD, TOTAL	2,893,712	1,109,227	2,895,733	1,108,083	3,109,859	1,428,320
PAPER, TOTAL	713,607	490,950	542,676	413,574	600,876	507,208
Newsprint	128,674	92,594	82,454	29,947	71,456	52,700
Uncoated Groundwood	58,087	30,597	58,109	47,154	80,392	58,484
Coated Printing & Converting Paper	99,005	76,935	73,392	54,358	73,521	67,793
Coated Groundwood	39,839	26,656	33,758	21,298	38,384	27,600
Coated Book	59,166	50,279	39,834	33,064	35,137	40,194
Uncoated Book	20,960	19,196	Uncoated Free Sheet			
Writing and Related Papers, Total	140,161	146,688	84,896	66,185	68,159	84,190
Writing Paper	80,305	51,974	Thin (Exc. Cigarette)			
Cigarette (See also Products)	1,783	2,306	26,504	29,955	32,537	40,291
			Cotton Fiber			
Other Writing & Related Papers	79,033	92,368	12,216	13,366	10,937	12,085
Bristols	-	-	10,740	7,784	9,302	10,171
Unbleached Kraft Packaging & Industrial Conv. Papers, Total	115,233	94,781	95,042	17,980	63,695	27,079
Unbleached Kraft exc. Shipping Sack	98,311	18,847	25,030	10,724	35,703	16,031
Shipping Sack Paper	37,295	11,737	20,412	6,714	27,990	10,928
Kraft Paper & Paperboard Uncoated, n.e.c.	27,627	14,179	-	-	-	-
Glassine, Greaseproof & Vegetable Parchment	5,383	4,342	7,865	6,550	7,702	7,761
Other Packaging & Industrial Converting Papers	20,708	13,710	35,013	22,915	32,483	26,133
Special Industrial Paper, Total	94,053	101,538	84,075	112,108	123,120	160,900
Special Industrial	75,445	77,521	74,019	94,306	110,557	135,806
Absorbent Papers	18,608	24,030	10,056	17,802	12,563	25,778
Tissue Paper, Total	13,837	10,629	21,130	17,814	27,909	23,834
Sanitary Tissue	13,354	7,975	N.A.	N.A.	N.A.	N.A.
Other Tissue	2,983	2,654	N.A.	N.A.	N.A.	N.A.
PAPERBOARD, TOTAL	2,113,784	592,264	2,281,053	662,216	2,940,472	749,302
Kraft Linerboard	1,028,038	317,575	1,549,510	390,110	1,604,803	430,413
Other Kraft Paperboard	N.A.	N.A.	65,833	22,330	100,301	33,734
Corrugating Medium	48,601	7,710	52,010	5,742	17,458	3,208
Bleached Packaging Paperboard, Total	379,823	160,090	440,724[e]	204,423	508,601	288,813
Special Food Board	82,383	33,628	86,950	36,995	89,209	36,854
Special Food Board Impregnated or Coated	239,136	103,337	353,774[e]	167,428	416,0898	198,879[d]
Kraft Paperboard, n.e.c.[a]	53,304	23,105	N.A.	N.A.	36,706	13,73
Recycled Furnish Paperboard, Total	208,922	106,885	203,535	85,611	171,811	77,020
Boxboard & Related Boards	107,372	46,762	109,102	40,542	70,652	32,260
Special Paperboard	113,581	48,913	60,794	20,629	67,768	33,318
Other Paperboard	47,469	20,229	33,639	9,440	37,391	11,442
WET MACHINE BOARD	8,051	6,855	7,554	6,805	7,471	5,140
CONSTRUCTION PAPER & BOARD, TOTAL	40,270	18,158	63,850	25,485	54,602	25,704
Building Paper	16,328	6,355	37,166	13,220	34,020	14,420
Insulating Board	33,942	11,807	26,680	12,265	20,623	11,284
PAPER AND PAPERBOARD PRODUCTS, TOTAL	335,854	287,522	477,014	652,373	562,343	585,592
PAPER PRODUCTS, TOTAL	169,198	199,485	274,884	426,728	432,907	427,080
Cigarette Paper Cut to Size, Books, etc.	19,526	32,576	21,719	37,416	25,143	44,107
PAPERBOARD PRODUCTS, TOTAL	166,659	88,037	202,130	225,645	229,436	158,512
Hard Pressed Board (Not in Totals)	9,203	21,329	25,571	8,541	32,030	11,223

a - Contains some Bristols and Other Paperboard.

b - Contains Bleached Kraft Linerboard reported as follows: (Tons) 1972 - 150,486; 1973 - 69,929; 1974 - 133,682; 197 - 109,983 1976 - 131,529; 1977 - 130,545; 1978 - 194,422; 1979 - 179,995

c - Also contains Unbleached Kraft Paperboard other than Linerboard: 65,833 tons.

d - Excludes Recycled Corrugating Medium: 9,505 tons.

e - Includes Bleached Folding Boxboard.

- Not Reported Separately

NOTE: Dollar figures for the value of shipments for which no tonnage figures were given are shown below. They are not included in the sub-totals, but are in the Total, All Grades: ($ 000)

	$101,530	$7,524	$9,803

TABLE XXXIV

GENERAL STATISTICS FOR THE PAPER AND ALLIED PRODUCTS INDUSTRY

1977

Code	Industry Group & Industry	All Employees		Production Workers			Value Added by Manufacture ($ Mil.)	Cost of Materials ($ Mil.)	Value of Industry Shipments ($ Mil.)	Capital Expenditures New ($ Mil.)	End-of-Year Inventories ($ Mil.)
		Number (000)	Payroll ($ Mil.)	Number (000)	Man-Hours (Mil.)	Wages ($ Mil.)					
26	PAPER & ALLIED PRODUCTS	625.5	8,913.2	483.4	980.5	6,300.5	21,699.4	30,170.6	51,672.2	3,279.6	5,613.0
2611	Pulp Mills	16.2	293.2	12.5	25.4	220.7	885.7	1,212.4	2,071.1	301.1	257.0
2621	Paper Mills, exc. Bldg. Paper	127.7	2,173.7	100.9	21[illegible]	[illegible]47.0	5,370.6	7,251.0	12,607.5	1,115.4	1,263.6
2631	Paperboard Mills	68.3	1,187.8	53.5	113.7	890.6	3,018.0	4,076.3	7,114.0	908.5	541.9
264	Misc. Converted Paper Products	201.8	2,551.4	153.8	307.9	1,729.2	6,924.8	9,218.6	16,014.5	486.7	1,898.8
2641	Paper Coating & Glazing	39.0	503.0	26.7	55.9	330.2	1,493.8	1,875.6	3,346.2	96.8	445.2
2642	Envelopes	21.7	260.4	16.9	33.3	176.2	485.0	475.1	953.3	21.7	125.4
2643	Bags, exc. Textile Bags	48.2	576.6	38.2	76.6	405.5	1,426.8	2,113.5	3,431.9	90.2	417.2
2645	Die-Cut Paper & Board	14.5	177.5	11.4	22.7	121.1	448.8	664.1	1,078.6	17.7	115.1
2646	Pressed & Molded Pulp Goods	4.8	62.2	3.9	7.9	48.2	152.2	89.1	237.9	10.8	24.2
2647	Sanitary Paper Products	33.8	499.9	26.8	53.1	375.3	1,971.2	2,875.4	4,792.5	191.9	603.6
2648	Stationery Products	12.7	135.5	9.8	18.7	91.1	290.8	362.7	650.1	15.9	117.8
2649	Converted Paper Products, NEC	27.1	296.3	20.1	39.7	181.6	756.2	783.1	1,524.0	41.7	250.3
265	Paperboard Containers & Boxes	284.5	2,610.2	156.8	309.6	1,739.1	5,282.4	8,157.7	13,391.5	417.7	1,606.8
2651	Folding Paperboard Boxes	44.1	372.0	35.3	71.0	403.9	1,123.4	1,447.4	2,553.5	87.7	420.7
2652	Set-Up Paperboard Boxes	13.6	122.0	11.6	21.1	85.4	222.0	163.3	384.4	9.9	53.1
2653	Corrugated, Solid Fiber Boxes	101.4	1,373.9	73.3	140.2	866.5	2,698.1	4,661.1	7,345.8	241.0	662.2
2654	Sanitary Food Containers	29.1	341.3	23.0	40.3	232.7	824.4	1,263.6	2,074.5	51.8	348.9
2655	Fiber Cans, Drums, Sim. Prod.	16.3	201.0	13.6	[illegible]	150.6	414.5	622.3	1,033.3	27.3	121.9
2661	Building Paper & Board Mills	7.0	96.9	5.9	12.5	77.9	217.9	294.6	473.6	16.2	44.9

1972

Code	Industry Group & Industry	All Employees		Production Workers			Value Added by Manufacture ($ Mil.)	Cost of Materials ($ Mil.)	Value of Industry Shipments ($ Mil.)	Capital Expenditures New ($ Mil.)	End-of-Year Inventories ($ Mil.)
		Number (000)	Payroll ($ Mil.)	Number (000)	Man-Hours (Mil.)	Wages ($ Mil.)					
26	PAPER AND ALLIED PRODUCTS	633.4	5,922.1	498.8	1,040.5	4,320.2	13,064.1	15,240.5	28,261.9	1,335.3	2,911.4
2611	Pulp Mills	10.6	125.7	8.4	17.6	95.0	306.9	388.1	709.9	136.4	78.6
2621	Paper Mills, exc.Bldg.Paper	129.9	1,439.6	103.3	226.0	1,091.8	2,909.3	3,465.5	6,385.2	372.3	678.9
2631	Paperboard Mills	68.5	778.2	54.5	121.2	588.5	1,994.4	2,152.9	4,153.5	313.5	240.4
264	Misc. Converted Paper Products	189.1	1,630.0	147.9	299.4	1,134.6	4,008.2	4,488.5	8,452.4	288.6	972.8
2641	Paper Coating & Glazing	37.2	366.6	26.5	55.7	231.9	984.4	984.8	1,954.0	52.3	256.7
2642	Envelopes	22.9	194.6	18.4	37.3	134.7	347.1	276.1	620.8	17.4	73.5
2643	Bags, exc. Textile Bags	48.6	385.5	38.9	78.9	279.4	840.5	1,055.1	1,885.7	53.9	225.1
2645	Die-Cut Paper & Board	15.2	142.5	11.8	23.7	90.5	301.6	375.7	676.3	10.6	57.7
2646	Pressed & Molded Pulp Goods	6.1	51.8	5.0	10.2	39.5	100.6	60.7	162.8	7.0	19.4
2647	Sanitary Paper Products	26.3	256.1	21.8	43.6	147.2	882.8	1,197.8	2,071.8	119.6	155.0
2648	Stationery Products	14.7	106.3	11.5	22.3	72.6	225.6	230.5	450.5	9.3	88.4
2649	Converted Paper Products, NEC	18.1	136.6	14.0	27.6	88.8	325.6	307.7	630.6	18.5	96.8
265	Paperboard Containers & Boxes	223.7	1,907.0	174.9	354.9	1,318.9	3,598.8	4,533.8	8,104.7	205.5	904.4
2651	Folding Paperboard Boxes	45.3	398.1	36.5	73.4	285.9	739.7	762.3	1,487.0	37.4	219.3
2652	Set-Up Paperboard Boxes	18.1	111.6	15.5	29.2	80.9	195.9	127.4	321.3	6.4	41.7
2653	Corrugated, Solid Fiber Boxes	107.9	976.3	80.6	165.9	643.0	1,736.9	2,573.4	4,308.8	101.5	349.7
2654	Sanitary Food Containers	35.1	277.7	27.9	56.7	203.0	659.8	767.1	1,419.7	42.3	234.2
2655	Fiber Cans, Drums, Sim. Prod.	17.3	143.3	14.4	29.6	106.1	266.4	303.6	568.0	17.9	59.6
2611	Building Paper & Board Mills	11.6	111.6	9.4	21.4	91.4	246.5	211.8	456.2	18.8	36.4

SOURCE: 1977 Annual Survey of Manufactures, U.S. Department of Commerce, General Statistics for Industry Groups and Industries, Series MC77 (AS) - 1

S - Does not meet statistical standards.

TABLE XXXV

REGIONAL DATA ON THE PAPER INDUSTRY

PAPER AND ALLIED PRODUCTS - 1976 DATA

(Million Dollars)

	Number of All Employees (000)	Total Payroll	Wages of Production Workers	Value Added by Manufacture	Value Of Shipments	Capital Expenditures
NORTHEAST	174.9	2,207.2	1,495.7	4,954.2	11,797.2	717.0
New England	63.7	817.5	553.6	1,819.5	4,294.8	492.1
Maine	16.2	240.3	180.0	579.4	1,406.0	403.0
New Hampshire	6.6	85.1	52.0	160.2	434.5	24.6
Vermont	2.1	26.1	19.7	82.7	184.7	4.3
Massachusetts	28.5	343.6	222.2	708.9	1,603.1	41.1
Rhode Island	2.2	25.9	17.0	46.2	103.1	3.7
Connecticut	8.1	96.5	62.7	241.1	563.4	16.4
Middle Atlantic	111.2	1,389.7	942.1	3,135.7	7,502.4	224.9
New York	44.2	524.5	361.5	1,102.4	2,620.2	96.1
New Jersey	28.4	368.3	237.4	781.4	1,807.0	49.5
Pennsylvania	38.6	496.9	343.2	1,251.9	3,075.2	79.3
NORTH CENTRAL#	180.5	2,346.4	1,641.1	5,484.7	13,193.5	544.3
East North Central	144.9	1,902.4	1,325.2	4,353.5	10,672.6	452.6
Ohio	34.2	443.6	307.4	890.4	2,190.3	74.4
Indiana	13.1	157.7	103.7	351.8	861.3	23.9
Illinois	34.8	421.9	276.8	943.0	2,152.1	60.0
Michigan	22.6	316.5	220.3	684.9	1,764.3	66.4
Wisconsin	40.2	562.7	417.0	1,483.4	3,704.6	227.9
West North Central#	35.6	444.0	315.9	1,131.2	2,520.9	91.7
Minnesota	16.5	235.1	169.2	633.6	1,321.0	35.1
Iowa	4.5	52.7	37.3	142.4	354.0	23.4
Missouri	13.5	145.0	102.1	334.3	787.1	28.6
North Dakota	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-
Nebraska	1.1	11.2	7.3	20.9	58.8	4.6
Kansas	-	-	-	-	-	-
SOUTH#	185.4	2,409.7	1,753.7	7,198.5	16,213.8	1,210.5
South Atlantic#	93.4	1,200.2	855.6	3,472.4	7,961.7	607.6
Delaware	-	-	-	-	-	-
Maryland	8.9	106.9	65.8	276.9	548.3	29.3
Virginia	14.7	161.9	111.2	520.9	1,100.4	126.2
West Virginia	1.7	16.1	10.8	38.6	90.3	1.2
North Carolina	15.9	206.6	147.8	576.2	1,319.1	148.3
South Carolina	12.6	168.9	118.4	486.7	1,112.6	44.1
Georgia	24.5	328.5	241.4	943.3	2,344.2	119.8
Florida	15.1	211.3	160.2	629.8	1,446.8	138.7
East South Central	46.8	611.7	458.7	1,971.4	4,175.8	284.4
Kentucky	7.3	78.8	57.6	238.8	515.2	19.4
Tennessee	15.6	188.7	133.3	549.2	1,267.6	42.1
Alabama	18.1	265.1	204.6	889.7	1,815.7	195.2
Mississippi	5.8	79.1	63.2	293.7	577.3	27.4
West South Central	45.2	597.8	439.4	1,754.7	4,076.3	318.7#
Arkansas	10.1	130.4	100.5	400.5	984.6	101.8
Louisiana	14.5	212.9	161.6	674.9	1,480.2	(D)
Oklahoma	1.8	24.1	17.7	81.7	239.2	(D)
Texas	18.8	230.4	159.6	597.6	1,402.9	216.9
WEST#	64.5	940.1	697.4	2,519.3	6,048.0	396.8
Mountain#	2.4	32.7	21.4	79.0	201.9	9.0
Montana	-	-	-	-	-	-
Idaho	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-
Colorado	1.3	17.8	10.7	43.3	109.5	4.0
New Mexico	-	-	-	-	-	-
Arizona	1.1	14.9	10.7	35.7	92.4	5.0
Utah	-	-	-	-	-	-
Nevada	-	-	-	-	-	-
Pacific#	62.1	907.4	676.0	2,440.3	5,846.1	385.8
Washington	16.0	274.7	212.6	709.3	1,733.5	198.1
Oregon	9.0	145.3	110.3	489.8	1,036.1	53.0
California	37.1	487.9	353.1	1,241.2	3,066.5	84.7
Hawaii	-	-	-	-	-	-
Alaska	-	-	-	-	-	-
TOTAL REPORTED	605.3	7,903.4	5,587.9	20,156.7	47,252.5	2,818.6
TOTAL U.S.A.	614.8	8,046.5	5,692.1	20,603.7	48,218.1	3,010.4

SOURCE: 1976 Data. Annual Survey of Manufactures, U.S. Department of Commerce - Statistics for Divisions and States.
(D) - Data withheld to avoid disclosure of individual company data.
- - Data not available separately.
- Total reported.
Note: Each state has at least one establishment in the Paper and Allied Products Industry.

TABLE XXXVI

UNITED STATES WOOD PULP DATA - TOTALS FOR ALL GRADES

(In Tons of 2,000 pounds, air dry weight)

Year	Production	Imports	Exports	New Supply	Consumption in Paper & Board
1899	1,179,525	57,335	20,606	1,216,254	1,172,880
1904	1,921,768	179,324	10,086	2,091,006	2,018,764
1909	2,495,523	370,023	8,953	2,856,593	2,826,591
1914	2,893,150	675,564	12,337	3,556,377	3,490,123
1919	3,517,952	636,016	40,057	4,113,911	4,019,696
1924	3,723,266	1,522,714	32,100	5,213,880	
1929	4,862,885	1,880,728	54,067	6,689,546	6,289,318
1934	4,436,128	1,805,972	142,932	6,099,168	
1939	6,993,334	2,026,441	139,504	8,880,271	8,650,423
1944	10,108,443	1,071,864	218,401	10,961,906	10,502,204
1947	11,945,864	2,322,460	130,096	14,138,228	13,252,924
1948	12,872,292	2,176,111	93,727	14,954,676	14,374,586
1949	12,207,279	1,763,102	122,133	13,848,248	13,635,957
1950	14,848,951	2,385,181	95,673	17,138,459	16,508,905
1951	16,524,408	2,360,706	201,908	18,683,206	17,736,970
1952	16,472,979	1,941,259	211,924	18,202,314	17,286,030
1953	17,537,297	2,157,574	161,687	19,533,184	18,684,543
1954	18,302,273	2,051,798	403,870	19,910,201	18,989,159
1955	20,739,696	2,213,353	634,276	22,318,773	21,453,766
1956	22,130,949	2,334,253	536,494	23,930,708	22,998,380
1957	21,800,209	2,106,681	628,721	23,278,169	22,459,420
1958	21,795,652	2,101,787	515,859	23,381,580	22,483,118
1959	24,383,391	2,431,433	652,437	26,162,387	25,155,362
1960	25,315,589	2,381,487	1,141,534	26,555,542	25,700,031
1961	26,522,759	2,466,770	1,177,775	27,811,754	26,682,864
1962	27,908,330	2,788,281	1,186,213	29,510,398	28,598,333
1963	30,121,216	2,774,778	1,421,936	31,474,058	30,219,885
1964	32,414,906	2,942,303	1,580,154	33,777,055	32,087,548
1965	33,993,069	3,137,097	1,402,203	35,727,963	34,006,285
1966	36,603,418	3,358,183	1,547,379	38,414,222	36,922,186
1967	36,676,979	3,166,130	1,720,783	38,122,326	36,993,999
1968	40,892,153	3,532,020	1,915,604	42,508,569	41,302,856
1969	42,813,413	4,040,460	2,102,660	44,751,213	43,699,831
1970	43,545,686	3,512,872	3,095,390	43,963,168	43,191,642
1971	43,903,465	3,515,045	2,175,446	45,243,064	44,148,214
1972	46,767,276	3,727,776	2,252,778	48,242,274	47,347,254
1973	48,327,333	3,993,164	2,343,555	49,976,942	48,772,472
1974	48,349,187	4,123,159	2,802,499	49,669,847	48,340,816
1975	43,083,960	3,077,729	2,564,536	43,597,153	42,430,588
1976	47,720,561	3,727,165	2,517,656	48,930,070	47,540,671
1977R	49,132,497	3,864,333	2,640,052	50,356,778	48,477,357
1978R	49,694,040	4,024,156	2,598,952	50,889,244	49,613,588
1979	52,761,000	4,317,522	2,934,815	54,143,707	51,749,000

SOURCES: Production: 1899 - 1978 U.S. Bureau of Census; 1979 - American Paper Institute
Imports, Exports, Consumption - Bureau of Census.

Note: New Supply = Production plus imports minus exports.

TABLE XXXVII

UNITED STATES PAPER AND BOARD PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION
CENSUS DATA

(In tons of 2,000 pounds)

ALL GRADES, TOTAL

Year	Production	Imports	Exports	Apparent Consumption			Population (Thousands)	Gross Nat'l. Product in 1972 Prices (Real G.N.P.) ($ Billion)
				Tons	Lbs./Capita	000 Tons Per $Bil. Real GNP		
1899	2,167,593			2,167,593	57.9		74,900	
1904	3,106,696		77,704	3,028,992	73.7		82,165	
1909	4,121,495	55,962	74,764	4,102,693	90.8		90,492	
1914	5,152,705	349,278	106,713	5,395,270	108.8		99,118	
1919	5,966,076	707,548	420,540	6,253,084	119.6		105,063	
1924	7,929,985	1,500,433	149,541	9,280,877	162.6		114,113	
1929	11,140,235	2,533,603	262,383	13,411,455	220.3	42.5	121,770	315.3
1934	9,186,598	2,265,281	163,199	11,288,680	178.6	46.7	126,485	241.6
1939	13,509,642	2,687,494	248,569	15,948,567	243.7	49.5	131,028	322.1
1944	17,182,804	2,576,277	313,917	19,445,164	281.6	33.8	138,397	575.3
1947	21,101,833	4,121,854	474,486	24,749,201	343.4	52.8	144,126	468.3
1948	21,897,301	4,582,298	397,019	26,082,580	355.9	53.5	146,631	487.7
1949	20,315,436	4,751,810	372,277	24,694,969	331.0	50.5	149,188	490.7
1950	24,375,468	5,008,222	371,546	29,012,144	381.1	54.4	152,271	533.5
1951	26,046,697	5,149,517	635,303	30,560,911	394.6	53.0	154,878	576.5
1952	24,418,383	5,190,859	592,388	29,016,854	368.3	48.5	157,553	598.5
1953	26,604,583	5,230,866	475,345	31,360,104	391.6	50.4	160,184	621.8
1954	26,876,242	5,189,880	687,098	31,379,024	385.0	51.1	163,026	614.7
1955	30,178,102	5,385,786	845,227	34,718,661	418.5	54.0	165,931	654.8
1956	31,441,192	5,836,309	781,762	36,495,739	432.2	54.6	168,903	668.9
1957	30,666,469	5,471,512	869,736	35,268,245	410.1	51.8	171,984	680.9
1958	30,823,251	5,148,634	853,010	35,118,875	401.6	51.7	174,882	679.5
1959	34,014,825	5,622,175	911,917	38,725,083	435.5	53.8	177,830	720.4
1960	34,444,317	5,721,133	1,026,962	39,138,488	433.3	53.1	180,667	736.8
1961	35,749,430	5,778,172	1,215,570	40,312,032	439.0	53.4	183,672	755.3
1962	37,540,902	5,867,973	1,192,816	42,216,059	452.7	52.8	186,504	799.1
1963	39,230,020	5,825,775	1,340,798	43,714,997	462.1	52.6	189,197	830.7
1964	41,703,408	6,385,795	1,704,933	46,384,270	483.6	53.0	191,833	874.4
1965	44,079,880	6,800,332	1,778,472	49,101,740	505.6	53.0	194,237	925.9
1966	47,113,493	7,519,781	1,953,755	52,679,519	536.2	53.7	196,485	981.0
1967	46,925,753	7,114,643	2,095,692	51,944,704	522.8	51.5	198,629	1,007.7
1968	51,245,160	7,058,456	2,639,175	55,664,441	554.9	52.9	200,619	1,051.8
1969	54,187,214	7,493,492	2,765,632	58,915,074	581.4	54.6	202,677	1,078.8
1970	53,516,171	7,267,188	2,843,193	57,940,166	565.6	53.9	204,879	1,075.3
1971	55,085,805	7,617,316	3,145,781	59,557,340	575.3	53.8	207,045	1,107.5
1972	59,457,076	8,032,651	3,103,738	64,385,989	616.6	55.0	208,842	1,171.1
1973*	61,303,971	8,477,225	3,070,463	66,710,733	634.1	54.0	210,400	1,235.0
1974*	59,952,523	8,315,006	3,856,623	64,410,906	607.9	52.9	211,900	1,217.8
1975*	52,534,896	6,345,373	3,171,369	55,708,900	521.6	46.3	213,600	1,202.3
1976*	59,898,446	7,310,758	3,522,206	63,686,998	592.1	50.0	215,140	1,273.0
1977*	62,722,456	7,642,888	3,288,769	67,076,575	618.7	50.0	216,820	1,340.5
1978*	64,300,395	9,408,813	3,398,318	70,310,890	643.0	50.3	218,700	1,399.2
1979*	64,964,498	9,385,429	3,704,233	70,645,694	640.5	49.3	220,600	1,431.6

SOURCE: Bureau of the Census, U.S. Department of Commerce

Note: Imports and exports shown on this page include products.

* - Corrections for API data -

	Production	New Supply	Lbs./Capita	000 Tons per Bil. $ Real GNP
	(000 Tons)			
1973	61,937	67,344	640	54.5
1974	61,086	65,544	619	53.8
1975	52,827	56,001	524	46.6
1976	60,495	64,284	598	50.5
1977	62,306	66,660	615	49.7
1978	64,403	70,414	644	50.3
1979	66,679	72,359	656	50.5

TABLE XXXVII (Cont.)

UNITED STATES PAPER AND BOARD PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION
CENSUS DATA
(In tons of 2,000 pounds)

Year	Production	Imports	Exports	Apparent Consumption Tons	Lbs./Capita	000 Tons Per $ Bil. Real G.N.P.
PAPER, TOTAL:						
1947	9,013,909	4,061,709	410,993	14,117,125	182.7	28.12
1948	9,797,099	4,505,765	291,237	14,061,627	191.8	28.57
1949	9,198,745	4,680,396	298,047	13,663,094	182.9	27.81
1950	10,638,602	4,919,092	229,155	15,332,947	202.2	28.79
1951	11,620,727	5,032,592	340,901	16,310,418	211.3	28.29
1952	10,898,366	5,109,489	383,186	15,619,671	198.9	26.10
1953	11,367,858	5,102,528	238,277	16,232,109	203.6	26.31
1954	11,698,672	5,088,699	377,837	16,459,534	201.5	26.69
1955	12,806,914	5,267,985	375,025	17,697,880	215.1	27.83
1956	13,990,122	5,715,189	399,239	19,306,073	229.5	28.80
1957	13,580,517	5,393,083	568,111	18,673,937	215.8	27.33
1958	13,497,220	5,017,065	411,171	18,103,106	208.0	26.00
1959	15,070,063	5,459,020	392,598	20,136,229	226.3	27.91
1960	15,399,048	5,673,803	427,050	20,643,801	227.9	27.80
1961	15,822,951	5,621,908	589,952	20,854,907	228.2	27.70
1962	16,557,241	5,672,410	439,161	21,770,316	233.5	27.24
1963	17,291,833	5,591,727	474,113	22,458,047	237.0	26.99
1964	18,152,119	6,139,005	502,280	23,728,881	247.9	27.19
1965	19,187,002	6,582,293	558,311	25,159,776	259.1	27.17
1966	20,692,790	7,269,853	609,099	27,353,590	278.8	27.89
1967	20,864,924	6,895,690	584,853	27,295,755	275.9	27.05
1968	22,397,809	6,766,719	630,142	28,532,586	285.8	27.15
1969	23,934,756	7,185,750	619,158	30,161,350	297.6	27.96
1970	23,620,961	7,004,852	626,213	30,055,600	291.4	27.93
1971	25,811,275	7,299,747	632,770	32,478,252	298.6	27.52
1972	25,435,338	7,536,975	693,562	32,492,751	309.7	27.02
1973	26,482,667	7,982,943	720,134	33,744,996	320.8	27.32
1974	26,073,600	7,993,243	1,056,241	33,550,036	316.7	27.55
1975	23,319,780	6,155,420	1,096,138	28,379,024	265.7	23.01
1976	26,611,017	7,026,530	1,096,570	32,591,877	302.5	25.56
1977	28,095,618	7,203,527	884,802	34,674,343	318.0	25.72
1978	28,505,617	8,674,649	817,560	36,362,691	332.5	25.99
1979	29,216,419	8,669,962	933,283	36,953,098	334.8	25.80
PAPERBOARD, TOTAL:						
1947	9,186,810	26,792	113,910	9,099,692	126.5	19.69
1948	9,366,289	45,958	112,370	9,299,471	127.8	19.07
1949	8,996,777	47,917	101,990a/	8,942,908	117.9	18.22
1950	10,025,721	54,802	111,841	10,808,272	143.5	20.37
1951	11,620,008	78,203	240,552	11,408,749	148.5	19.80
1952	10,771,806	55,794	173,322	10,650,277	135.7	17.80
1953	12,330,536	97,241	203,239	12,228,583	153.2	19.67
1954	12,190,790	51,667b/	272,919	11,970,538	147.9	19.50
1955	13,866,599	94,953c/	429,560	13,581,906	166.9	20.79
1956	14,249,094	41,078	338,141	13,927,940	165.7	20.82
1957	14,061,741	85,470	378,353	13,728,156	160.4	20.16
1958	14,109,930	66,526	406,151	13,730,305	158.5	20.29
1959	15,458,708	94,008	481,806	15,021,040	168.9	20.85
1960	15,676,359	86,549	562,960	15,199,947	167.7	20.56
1961	16,535,967	61,898	685,964	15,891,902	174.0	21.09
1962	17,480,440	96,115	714,766	16,815,818	180.4	21.09
1963	18,238,899	95,500	829,212	17,459,987	186.5	21.01
1964	19,005,334	94,859	1,098,426	18,521,873	193.1	21.18
1965	20,833,585	94,459	1,178,171	19,669,773	202.5	21.24
1966	22,573,962	96,539	1,294,821	21,335,675	217.2	21.75
1967	22,080,962	89,885	1,569,547	20,635,480	207.8	20.48
1968	24,503,977	27,603	1,956,947	22,574,633	225.0	21.46
1969	26,068,869	23,965	2,083,539	24,008,795	236.9	22.26
1970	25,476,526	11,787	2,163,492	23,326,821	227.7	21.69
1971	26,135,999	18,569	2,043,192	23,711,476	229.0	21.41
1972	28,521,961	10,457	2,369,708	26,162,712	250.6	22.38
1973**	29,266,596	45,575	2,204,534	27,097,087	257.2	21.91
1974*	28,016,871	37,160	2,663,643	25,390,388	239.6	20.85
1975*	24,452,103	9,928	1,934,224	22,507,307	210.7	18.72
1976*	27,800,401	15,146	2,291,274	25,364,273	237.7	20.08
1977*	29,006,071	29,898	2,286,443	26,749,526	246.7	19.95
1978*	30,003,470	106,242	2,483,783	27,625,929	252.6	19.74
1979*	30,079,168	88,010	2,676,908	27,490,270	249.2	19.20

SOURCE: For sources and notes see page 76 Note: Imports and Exports shown on this page include products.

* - API Data show:

	Production	New Supply	Lbs./Capita	000 Tons per Bil. $ Real GNP
1973	29,571,000	27,362,041	260.1	22.16
1974	28,914,900	26,288,417	248.1	21.59
1975	24,755,700	22,810,904	213.6	18.97
1976	28,439,500	26,164,372	243.2	20.55
1977	28,953,100	26,575,557	245.1	19.83
1978	30,274,900	27,897,457	255.4	19.94
1979	31,429,000	28,840,000	261.5	20.15

TABLE XXXVII (Cont.)

UNITED STATES PAPER AND BOARD PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION
CENSUS DATA
(In tons of 2,000 pounds)

Year	Production	Imports	Exports	Apparent Consumption		
				Tons	Lbs./Capita	000 Tons Per $ Bil. Real G.N.P.
WET MACHINE BOARD						
1947	149,800	-	-	150,000E	-	0.32
1948	142,134	-	-	142,000E	-	0.29
1949	129,761	1,240	2,615	128,386	1.7	0.26
1950	164,611	2,136	3,266	163,481	2.2	0.31
1951	150,559	3,144	3,876	149,827	1.9	0.26
1952	140,175	2,242	3,318	139,099	1.8	0.23
1953	156,496	2,872	3,698	155,670	2.0	0.25
1954	135,910	3,349	3,420	135,839	1.7	0.22
1955	178,687	4,211	3,727	179,171	2.2	0.27
1956	146,589	3,592	3,098	146,083	1.7	0.22
1957	137,998	3,289	4,188	137,099	1.6	0.20
1958	121,103	4,566	3,884	121,785	1.4	0.18
1959	144,807	5,214	3,566	146,455	1.6	0.20
1960	174,992	4,517	2,791	176,718	2.0	0.24
1961	155,205	3,668	3,516	155,357	1.7	0.21
1962	145,625	4,905	5,412	145,218	1.6	0.18
1963	140,669	2,925	4,412	139,182	1.5	0.17
1964	147,880	10,403	4,884	153,399	1.6	0.18
1965	143,872	10,306	4,139	150,039	1.5	0.16
1966	148,098	5,537	4,811	148,824	1.5	0.15
1967	143,984	8,636	5,218	147,402	1.5	0.15
1968	150,794	11,146	4,318	161,622	1.6	0.15
1969	147,671	9,073	3,842	152,902	1.5	0.14
1970	139,055	9,308	4,614	143,749	1.4	0.13
1971	137,825	6,198	4,383	139,640	1.3	0.13
1972	147,914	4,204	5,642	146,476	1.4	0.13
1973	148,892	6,883	7,495	148,280	1.4	0.12
1974	133,862	5,899	11,287	128,474	1.3	0.11
1975	115,169	3,819	6,136	112,847	1.1	0.09
1976	129,955	6,988	6,167	130,326	1.2	0.10
1977	128,627	3,608	8,051	124,184	1.1	0.09
1978	136,337	2,614	7,554	131,397	1.2	0.09
1979	140,188	2,345	7,371	139,162	1.3	0.10
CONSTRUCTION PAPER AND BOARD						
1947	2,349,419	33,353	50,071	2,332,596	32.4	4.08
1948	2,591,779	31,075	43,404	2,579,450	35.2	4.27
1949	1,990,103	22,807	33,769	1,979,141	26.5	4.03
1950	2,646,444	32,784	31,784	2,647,444	34.9	4.96
1951	2,651,363	35,538	34,974	2,651,927	34.4	4.60
1952	2,608,036	28,335	32,564	2,603,807	33.2	4.35
1953	2,745,693	28,235	30,136	2,743,792	34.4	4.41
1954	2,900,870	46,165	33,422	2,913,613	35.9	4.75
1955	3,227,902	68,625	36,917	3,259,610	39.4	4.98
1956	3,070,388	85,650	40,385	3,115,653	37.1	4.66
1957	2,880,223	79,768	38,482	2,927,509	34.2	4.30
1958	3,054,998	80,477	31,796	3,103,679	35.7	4.57
1959	3,340,259	133,287	34,187	3,439,359	38.7	4.75
1960	3,193,918	106,259	34,155	3,266,022	36.2	4.43
1961	3,235,807	111,198	37,139	3,309,866	36.0	4.38
1962	3,373,587	144,397	33,377	3,484,607	37.4	4.50
1963	3,550,619	185,823	34,061	3,702,381	39.1	4.66
1964	3,798,075	221,487	39,445	3,980,117	41.5	4.93
1965	3,915,381	244,424	37,649	4,122,156	42.4	4.95
1966	3,738,643	187,855	45,074	3,881,424	39.5	3.96
1967	3,752,883	189,476	37,112	3,905,247	39.3	3.88
1968	4,188,585	254,993	47,778	4,395,800	43.8	4.18
1969	4,375,918	275,198	59,093	4,592,023	45.3	4.26
1970	4,275,629	201,241	58,904	4,417,966	43.1	4.11
1971	5,000,706	292,712	65,436	5,227,982	50.5	4.72
1972	5,351,863	461,015	78,828	5,734,050	54.9	4.90
1973	5,405,866	451,824	97,824	5,759,866	54.8	4.66
1974	5,118,146	338,704	125,442	5,331,408	50.3	4.38
1975	4,647,884	176,811	114,972	4,709,723	44.1	3.92
1976	5,316,173	262,090	127,741	5,450,522	50.7	4.28
1977	5,492,095	345,855	109,473	5,728,477	52.8	4.27
1978	5,624,971	625,323	89,421	6,160,873	56.3	4.40
1979	5,444,723	645,112	86,672	6,003,163	54.4	4.19

SOURCE: For sources and notes see page 76

TABLE XXXVII (Cont.)

UNITED STATES PAPER AND BOARD PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION
CENSUS DATA
(In tons of 2,000 pounds)

GRADES	Year	Production	Imports	Exports	Apparent Consumption		
					Tons	Lbs./Capita	000 Tons Per $ Bil. Real G.N.P.
Construction Paper	1964	1,533,059	2,645	9,184	1,526,520	15.9	1.75
	1965	1,574,425	1,580	8,578	1,567,427	16.1	1.69
	1966	1,495,231	852	10,471	1,485,612	15.1	1.51
	1967	1,502,685	1,179	5,480	1,498,384	15.1	1.49
	1968	1,573,681	2,721	11,986	1,564,416	15.6	1.49
	1969	1,602,798	2,744	13,537	1,592,005	15.7	1.48
	1970	1,593,814	9,565	13,576	1,589,803	15.5	1.48
	1971	1,837,073	37,990	13,074	1,861,989	18.0	1.68
	1972	1,915,480	57,091	18,557	1,954,014	18.7	1.67
	1973	1,857,529	50,205	23,002	1,884,732	17.9	1.53
	1974	1,844,866	60,202	25,802	1,879,266	17.7	1.54
	1975	1,615,542	69,235	27,211	1,657,566	15.5	1.38
	1976	1,771,422	74,149	29,527	1,816,044	16.9	1.43
	1977	1,852,076	92,273	16,330	1,928,022	17.8	1.44
	1978	1,915,015	271,872	37,166	2,149,721	19.7	1.54
	1979	1,899,993	330,147	34,020	2,196,026	19.9	1.53
Insulating and Hard Pressed Board	1964	2,265,916	218,842	30,261	2,453,597	25.6	2.81
	1965	2,340,956	242,844	29,071	2,554,729	26.3	2.76
	1966	2,243,412	187,003	34,603	2,395,812	24.4	2.44
	1967	2,250,198	188,297	31,632	2,406,863	24.2	2.39
	1968	2,614,904	252,272	35,792	2,831,384	28.2	2.69
	1969	2,773,120	272,454	45,556	3,000,018	29.6	2.78
	1970	2,681,815	191,676	45,328	2,828,163	27.6	2.63
	1971	3,163,633	254,722	52,362	3,365,993	32.5	3.04
	1972	3,436,383	403,924	60,270	3,780,037	36.2	3.23
	1973	3,548,337	401,619	74,822	3,875,134	36.8	3.14
	1974	3,273,280	278,502	99,640	3,452,142	32.6	2.83
	1975	3,032,342	107,576	87,760	3,052,158	28.6	2.54
	1976	3,544,751	187,941	98,214	3,634,478	33.8	2.86
	1977	3,640,019	253,581	93,146	3,800,454	35.1	2.84
	1978	3,709,956	353,452	52,255	4,011,153	36.8	2.87
	1979	3,544,824	314,965	52,293	3,807,496	34.5	2.66

TABLE XXXVII (Cont.)

HARD PRESSED BOARD

YEAR	Production Tons	Imports		Exports		New Supply Tons
		Tons	$000	Tons	$000	
1954	464,868	24,937	2,534	5,067*	936*	487,738
1955	529,558	39,681	4,586	6,337*	1,255*	462,902
1956	539,981	56,221	5,803	6,735*	1,404*	589,467
1957	568,522	60,728	6,522	6,682*	1,523*	622,568
1958	608,623	57,404	5,089	6,183*	1,377*	659,844
1959	734,428	105,589	8,877	5,937	1,213	834,080
1960	686,155	88,169	7,137	6,018	1,306	768,306
1961	761,503	100,030	7,836	5,709	1,270	855,824
1962	873,428	128,321	10,164	6,190	1,349	995,559
1963	958,980	156,972	12,360	7,757	1,805	1,109,195
1964	1,050,493	177,128	13,975	10,906	2,470	1,216,715
1965	1,093,178	214,953	17,247	8,186	2,258	1,299,945
1966	1,088,835	161,910	13,106	11,354	3,054	1,239,391
1967	1,073,785	162,885	12,191	10,573	2,833	1,226,097
1968	1,281,599	216,137	16,117	13,821	3,175	1,483,915
1969	1,420,806	235,836	18,086	16,256	3,428	1,640,386
1970	1,463,284	152,366	11,870	26,061	5,571	1,589,589
1971	1,717,798	211,450	16,002	27,763	5,526	1,901,485
1972	1,907,849	356,630	29,902	34,493	6,876	2,229,986
1973	2,000,986	346,266	37,472	43,439	9,415	2,303,813
1974	1,978,062	250,003	35,463	59,200	15,817	2,168,865
1975	1,783,531	92,448	12,107	55,397	15,897	1,820,582
1976	2,110,412	168,935	22,683	65,735	20,361	2,213,612
1977	2,236,954	210,581	29,889	59,203	21,329	2,388,332
1978	2,293,694	295,729	40,716	25,571	8,541	2,563,852
1979	2,122,797	262,229	39,607	32,030	11,223	2,352,996

* Code 484650

Symbols: R - Revised
- - Less than half or zero
P - Preliminary
E - Estimate

Definitions: Consumption = Production + Imports - Exports.
Consumption Per Capita: Consumption divided by the population total.

Source: Production: Bureau of the Census; Current Industrial Report, Pulp, Paper and Paperboard (Annual Issues), Series M26A, U.S. Department of Commerce, Washington, D.C.
Imports: Years to 1964, Bureau of the Census, U.S. Imports of Merchandise for Consumption (Annual Issue), FT 410 1964-197 Bureau of the Census, U.S. Imports-General and Consumption, Schedule A Commodity and Country, Reports FT 135, for the month of December of each year. U.S. Department of Commerce, Washington, D.C.
Exports: Bureau of the Census, U.S. Exports - Schedule B Commodity and Country, Reports FT 410, U.S. Department of Commerce, Washington, D.C.
Population: Bureau of the Census, Current Population Reports, Population Estimates, Series P-25, various issues, with data for July 1 of each year. U.S. Department of Commerce, Washington, D.C.

NOTES:
a/ Exports prior to 1949 include Wet Machine Board.
b/ Imports of Hardboard, (Schedule A No. 4740195) are first shown separately in Census data for 1954, and have been shifted from this tabulation to Building Board.
c/ Imports of Paperboard, Pulpboard, Finished (Schedule A No. 4740199) are first shown separately in Census data for 1955, and have been removed from this tabulation for 1955 and 1956, because Gypsum Board predominated. Total in 1955: 88,290; 1956: 31,873.

I N D E X

A

Page

AMERICAN PAPER INSTITUTE DATA 2-31

ASSET DATA
- Paper and Allied Products 37,42
- Pulp, Paper and Paperboard 43

B

BOOK PAPER, UNCOATED
- Exports 66,67
- Imports 64,65
- Production 56-57
- Shipments 2-5

BLEACHED BRISTOLS
- Capacity 22,23
- Apparent Consumption 18-21
- Consumption per Billion Dollars Real GNP 18-21
- Exports 66,67
- Imports 64,65
- Production 56,57
- Shipments 2-5

BLEACHED KRAFT PAPER (See Bleached Packaging Papers and Packaging and Industrial Papers except Unbleached Kraft and Other Packaging and Converting Papers)

BLEACHED PACKAGING PAPERS
- Shipments 2-5

BLEACHED PAPERBOARD
- Capacity 22,23
- Apparent Consumption 18-21
- Consumption per Billion Dollars Real GNP 18-21
- Exports 66,67
- Production 11,14,56-57

BLEACHED SULPHATE WOOD PULP
- Capacity 24-25
- Consumption at Paper and Board Mills 55
- Exports 66,67
- Imports 64,65
- Production 52

BLEACHED SULPHITE WOOD PULP
- Capacity 24-25
- Consumption 55
- Exports 66,67
- Imports 64,65
- Production 52

BUILDING PAPER (See Construction Paper)

BOXBOARD PRODUCTION 10,11,12-17,58-59

BUREAU OF LABOR STATISTICS DATA 50-52

BUREAU OF CENSUS DATA 54-75

C

CAPACITY
- Paper and Paperboard, Total & by Grade 22-23
- Paper and Paperboard, by State 26
- Wood Pulp, Total & by Grade 24,25
- Wood Pulp, by State 26

CAPITAL EXPENDITURES 27,46,68,69
- Capital Expenditures for Pollution Abatement Equipment 27

CAPITALIZATION
- Paper and Allied Products Industry 37,41
- Pulp, Paper and Board Industry 43

CENSUS OF MANUFACTURES DATA 68

CHEMICAL WOOD PULP WRITING PAPERS (also Writing and Related Papers)
- Exports 66,67
- Imports 64,65
- Production 56,57
- Shipments 2-5

COATED PAPERS
- Capacity 22,23
- Apparent Consumption 18-21
- Consumption per Billion Dollars Real GNP 18-21
- Exports 66,67
- Imports 64,65
- Production 56,57
- Shipments 2-5

COMBINATION FURNISH PAPERBOARD (See also Recycled Paperboard)
- Apparent Consumption 18-21
- Consumption per Billion Dollars Real GNP 18-21
- Exports 66,67
- Imports 64,65
- Production 14,15,58,59

CONSTRUCTION PAPER
- Capacity 22,23
- Apparent Consumption 74
- Consumption per Billion Dollars Real GNP 74
- Consumption per Capita 74
- Exports 66,67,74
- Imports 64,65,74
- Production 58,59,74

CONSTRUCTION PAPER AND BOARD
- Capacity 22,23
- Apparent Consumption 73
- Consumption per Billion Dollars Real GNP 73
- Consumption per Capita 73
- Exports 66,67,73
- Imports 64,65,73
- Production 58,59,73

CONSUMPTION, APPARENT (See also New Supply)
- Paper and Paperboard, Total 71
- Paper 72
- Paperboard 72
- Other Grades 73-75

CONSUMPTION OF FIBROUS RAW MATERIALS
- Pulpwood, Wood Pulp, Waste Paper, Other 55
- Pulpwood, by State 60,61,62

CONTAINERBOARD PRODUCTION 8,9,12-17

CONVERTED PAPER AND PAPERBOARD PRODUCTS (See Products, Paper and Paperboard)

COTTON FIBER PAPERS
- Capacity 22,23
- Production 56,57
- Shipments 2-5

D

DEFIBRATED, EXPLODED, ETC. WOOD PULP
- Capacity 24,25
- Consumption at Paper and Paperboard Mills 55
- Production 54

DISSOLVING AND SPECIAL ALPHA WOOD PULP
- Capacity 24,25
- Consumption at Paper and Paperboard Mills 55
- Exports 66,67
- Imports 64,65
- Production 54

DIVIDEND PAYMENTS
- Paper and Allied Products Industry 37,42
- Pulp, Paper and Paperboard Industry 43

E

EARNINGS
Annual, All Employees and Production Workers 68
Hourly and Weekly 50,51
State Data, 1976 69
Paper and Allied Products, Totals 47

EMPLOYEES
Bureau of Labor Statistics Data 50,51
Bureau of Census Data 69
GNP Basis 47

ENERGY DATA 28

ESTABLISHMENTS, NUMBER 26

EXPORTS
Cotton Pulp and Other Fibers 68,69
Paper and Paperboard 68,69,71-75
Waste Paper 68,69
Wood Pulp 68,69,70

F

FEDERAL TRADE COMMISSION DATA 36-38

FINANCIAL DATA, PAPER INDUSTRY 36-43

FINE PAPER
(See Chemical Wood Pulp Writing Paper)

FOREST SERVICE, DEPARTMENT OF AGRICULTURE
Data 33

FOLDING BOXBOARD
Production 8,11,13-17

FREE SHEET PAPERS
(See Uncoated Free Sheet Papers)

FUEL USE 28

G

GLASSINE, GREASEPROOF AND VEGETABLE PARCHMENT
Exports 66,67
Imports 64,65
Production 2-5,56,57

GROSS NATIONAL PRODUCT ACCOUNTS
Paper Industry Data 46,47
Real Gross National Product 18-21,71

GROUNDWOOD PAPERS, UNCOATED
Capacity 22,23
Apparent Consumption 18-21
Consumption per Billion Dollars Real GNP 18-21
Exports 66,67
Imports 64,65
Production 56,57
Shipments 2-5

GROUNDWOOD WOOD PULP
Capacity 24,25
Consumption at Paper and Board Mills 55
Exports 66,67
Imports 64,65
Production 54

H

HOURS WORKED, PAPER AND ALLIED PRODUCTS
Bureau of Labor Statistics, Weekly 50,51
Bureau of Census, Annual 68

I

IMPORTS
Paper and Paperboard, by Grade 66,67,71-75
Waste Paper 66,67
Wood Pulp, by Grade 66,67
Wood Pulp, Total, by Years 70

INTERNAL REVENUE SERVICE DATA 39-43

INVENTORIES
PAPER AND ALLIED PRODUCTS (by 4-Digit SIC Code) 68

K

KRAFT PAPER
(See Unbleached Kraft Paper and Bleached Kraft Paper)

KRAFT PAPERBOARD
(See Unbleached Kraft Paperboard and Bleached Kraft Paperboard)

KRAFT WOOD PULP
(See Bleached Kraft Paperboard and Unbleached Kraft Paperboard)

L

LINERBOARD, BLEACHED
Production 11,14-15,58,59
Imports 64,65

LINERBOARD, UNBLEACHED
Exports 66,67
Imports 64,65
Production 8,14,58,59

LINERBOARD
Total Kraft Production, Domestic Use 6,14
Recycled Production, Domestic Use 6,14
Total Production, Domestic Use 6,8,10,12,14
Exports (Unbleached Kraft Paperboard) 15

M

MECHANICAL WOOD PULP
(See Groundwood Pulp and Defibrated or Exploded Wood Pulp)

MILK CARTON AND FOOD SERVICE PAPERBOARD
Production 7,10,11,13,15,17,58,59

N

NATIONAL COUNCIL OF THE PAPER INDUSTRY FOR AIR AND STREAM IMPROVEMENT 27

NEWSPRINT
Capacity 22,23
Apparent Consumption 18-21
Consumption per Billion Dollars Real GNP 18-21
Exports 66,67
Imports 64,65
Production 2-5,58,59

NEW SUPPLY (See also Consumption, Apparent) 18-21

O

OTHER PACKAGING AND INDUSTRIAL CONVERTING PAPERS
(See Packaging and Industrial Converting except Unbleached Kraft)

P

PACKAGING AND INDUSTRIAL CONVERTING PAPER EXCEPT UNBLEACHED KRAFT
Capacity 22,23
Apparent Consumption 18-21
Consumption per Billion Dollars Real GNP 18-21
Exports 66,67
Imports 64,65
Production 2-5,56,57

PACKAGING AND INDUSTRIAL PAPER, TOTAL
Exports 66,67
Imports 64,65
New Supply 18-21
New Supply per Billion Dollars Real GNP 18-21
Production 2-5,56,57

PAPER AND ALLIED PRODUCTS
Financial Data 36-43
General Statistics from Census and Survey of Manufactures 68
Regional Data, 1976 69

PAPER, TOTAL AND BY GRADE
Capacity 22,23
Apparent Consumption 18-21,72
Consumption per Billion Dollars Real GNP 18-21,72
Consumption per Capita 72
Exports 66,67
Imports 64,65
Production 2-5,18-21,56,57,72
Production by State 60-62
Shipments, Tons 2-5
Shipments, Value 63,68,69

PAPER AND PAPERBOARD, TOTAL AND BY GRADE
Apparent Consumption 18-21,71-75
Capacity, by Years 22,23
Capacity, by State 26
Consumption per Billion Dollars Real GNP 18-21,71-75
Consumption per Capita 71-75
Exports 66,67
Imports 64,65
Production, by Years 2-5,18-21,71-75
Production, by State 60-62
Shipments, Value 63,68

PAPERBOARD
API Data (See Table of Contents for Detail) 6-17,18-21,24
Capacity, by Years and Grade 22,23
Apparent Consumption, Census 72
Consumption per Billion Dollars Real GNP 18-21,72
Consumption per Capita 72
Exports, Census 66,67
Exports, Production for, API 15
Imports 64,65
Production, Census, by Years 58,59,72
Production, by State 60-62
Shipments, Value, by Grade 63,68,69

PRODUCTS, PAPER AND PAPERBOARD
Establishment Data, by 4-Digit SIC Code 68
Exports 66,67
Imports 64,65
Shipments, Value of 63,68

PAPER STOCK (See Waste Paper)

PER CAPITA APPARENT CONSUMPTION
Construction Paper and Board, Total 73
Construction Paper 74
Insulating and Hard Pressed Board 74
Hard Pressed Board 75
Paper and Paperboard, Total 71
Paper, Total 72
Paperboard, Total 72
Wet Machine Board 73

PRICE INDEXES
Bureau of Labor Statistics Data 52

PRINTING AND WRITING PAPERS
Capacity, by Years 22,23
Production, by Grade, Census 56,57
Shipments, Total and by Grade, API 2-5
Exports, by Grade 66,67
Imports, by Grade 64,65
Shipments, Value, by Major Grade 63
New Supply, API 18-21
New Supply per Billion Dollars Real GNP 18-21

PRODUCTION
Construction Paper and Board, Total and by Grade 18-21,74-76
Paper, API (incl.some Shipments 2-5,18-21
Paper, Census 56,57,72
Paperboard API 6-17
Paperboard Census 58,59,72
Wet Machine Board 58,59,73

PROFITS
Paper and Allied Products Industry 36,40,46
Pulp, Paper and Paperboard Industry 43

PULPWOOD CONSUMPTION 55

R

RAGS, STRAW AND OTHER FIBROUS MATERIALS
Consumption at Paper and Paperboard Mills 55
Exports 66,67

RAW MATERIALS, FIBROUS
Consumption 55

RAYON AND SPECIAL CHEMICAL GRADES OF WOOD PULP (See Dissolving and Special Alpha Wood Pulp)

RECYCLED PAPERBOARD (See also Combination Furnish Paperboard)
Capacity 22,23
New Supply 18-21
New Supply per Billion Dollars Real GNP 18-21
Exports 66,67
Imports (Other Paperboard) 64,65
Production 7,14,15,58,59

REGIONAL DATA
Capacity, Paper, Paperboard and Wood Pulp 26
Consumption, Pulpwood 60-62
Census Data, 1976, Paper and Allied Products Industry: Number of Employees, Payroll, Wages, Value Added, Value of Shipments and Capital Expenditures 69
Production, Paper, Paperboard, Wet Machine Board and Construction Paper and Board 60-62
Production, Wood Pulp 60-62

RETAINED EARNINGS
Paper and Allied Products Industry 37,42
Pulp, Paper and Paperboard Industry 43

S

SALARIES AND WAGES
Paper and Allied Products by 4-Digit SIC Classification 68
Paper and Allied Products, by Region, 1976 69
Paper and Allied Products, Employee Compensation and Supplements (From GNP Accounts) 47
Wage Rates (See Earnings, Average Hourly and Weekly)

SALES (See also Value of Shipments) 36,40,41

SANITARY PAPER (TISSUE PAPER)
Primary Production, Total and by Grade
API Data 2-5
Census Data 56,57
Exports 66,67
Imports 64,65
Value of Shipments, Primary and Converted Products 63

SEMI-CHEMICAL WOOD PULP
Capacity 24,25
Consumption at Paper and Board Mills 55
Production 54

SODA PULP
Capacity - 1966-1971 24
Production - 1967-1974 54

STRAW, GRASSES, OTHER FIBERS (See Rags, etc.)

SULPHATE WOOD PULP (See Bleached and Unbleached Sulphate Wood Pulp)

SULPHITE WOOD PULP (See Bleached and Unbleached Sulphite Wood P ulp)

SEMI-CHEMICAL PAPERBOARD
API Data: Production 7,14,15,16,17
New Supply 18-21
New Supply per Billion Dollars Real GNP 18-21
Census Data: Production 58,59
Exports (See Exports of Corrugating Medium) 66,67

SET-UP BOXBOARD
Production - API 8,14,16,17
Production - Census 58,59

SPECIAL INDUSTRIAL PAPERS
Exports 66,67
Imports 64,65
Production 2-5,56,57

T

TISSUE PAPER (See also Sanitary Paper)
Capacity 23,24
Apparent Consumption 18-21
Consumption per Billion Dollars Real GNP 18-21
Exports 66,67
Imports 64,65
Production 2-5,56,57

TUBE, CAN AND DRUM STOCK
Production, API 16
Production, Census 58,59

U

UNBLEACHED SULPHATE WOOD PULP
Capacity 25,26
Consumption at Paper and Board Mills 55
Exports 66,67
Imports 64,65
Production, by Years 54

UNBLEACHED SULPHITE WOOD PULP
Capacity 25,26
Consumption at Paper and Board Mills 55
Exports 66,67
Imports 64,65
Production, by Years 54

UNBLEACHED KRAFT PAPERBOARD
API Data: Production 14,15,18-21
New Supply 18-21
Consumption per Billion Dollars Real GNP 18-21
Census Data: Production 56-59,71-75
Exports 66,67,71-75
Imports 64,65,71-75
Apparent Consumption 71-75
Consumption per Billion Dollars Real GNP 71-75
Consumption per Capita 71-75

UNBLEACHED KRAFT PAPER
API Data: Shipments 2-5,18-21
Capacity 24,25
Apparent Consumption 18-21
Consumption per Billion Dollars Real GNP 18-21
Census Data: Exports 66,67
Imports 64,65
Production 56,57

UNCOATED FREE SHEET PAPERS (See same sub-heads as Coated Papers and Same Page Numbers)

V

VALUE ADDED BY MANUFACTURE
Paper and Allied Products by 4-Digit Classification 68
Paper and Allied Products, Total, by State 69

VALUE OF SHIPMENTS
Paper and Allied Products by 4-Digit SIC Code 68
Paper and Allied Products, Total, by State 69
Paper and Allied Products, by Years, by 5-Digit SIC Code 63

W

WAGES AND SALARIES (See Earnings, Average and Weekly, Salaries and Wages)

WASTE FIBROUS MATERIALS (See Rags, etc.)

WASTE PAPER
Consumption at Paper and Board Mills 54
Exports 66,67
Imports 64,65
Recovery, by Major Type 31

WHOLESALE PRICE INDEX (See Price Indexes)

WOOD SUPPLY AND DEMAND 33

WOOD PULP
Consumption at Paper and Board Mills 55,70
Production, by Grade, by Years 54
Production, Total, by Years 70
Exports, by Grade and Total 66,67,70
Imports, by Grade and Total 64,65,70
New Supply, Total, by Years 70
Capacity 25,26
Value of Shipments (SIC 2611) 63,68